NEMO|etc.
Certificate of Authorization #32455
353 Christian Street, Unit #13
Oxford, CT 06478
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ENGINEER **TEST** **CONSULT**

P.E. EVALUATION REPORT (PEER)

Tremco CPG, Inc.
3735 Green Road
Beachwood, OH 44122
(800) 562-2728

PEER-TRM-006.A.R21
FL20325-R21 (NON-HVHZ)
Date of Issuance: 04/14/2016
Revision 21: 12/12/2025

SCOPE:
This P.E. Evaluation Report (henceforth 'PEER') is issued under **F.A.C. Rule 61G20-3** and the applicable rules and regulations governing the use of construction materials in the State of Florida, and the Third-Party Evaluation Report acceptance by the Texas Department of Insurance. The documentation submitted has been reviewed by Robert Nieminen, P.E. for compliance with the **8th Edition (2023) Florida Building Code and 2018 International Building Code** sections noted herein.

DESCRIPTION: Tremco Modified Bitumen Roof Systems (NON-HVHZ)

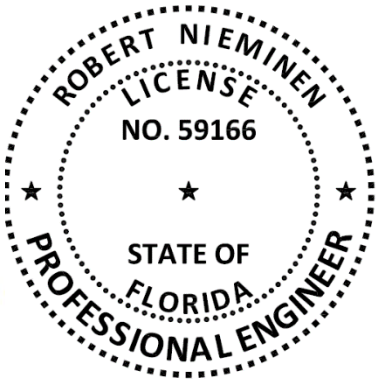
LABELING: Labeling shall be in accordance with the requirements of the Accredited Quality Assurance Agency noted herein.
CONTINUED COMPLIANCE: This PEER is valid until such time as the named product(s) changes, the referenced Quality Assurance or production facility location(s) changes, or Code provisions that relate to the product(s) change. Acceptance of our PEERs by the named client constitutes agreement to notify NEMO ETC, LLC of any changes to the product(s), the Quality Assurance or the production facility location(s). NEMO ETC, LLC requires a complete review of its PEER relative to updated Code requirements with each Code Cycle.
ADVERTISEMENT: "NEMO P.E. Evaluated" may be displayed in advertising literature. If any portion of the PEER is displayed, then it shall be in its entirety.
INSPECTION: Upon request, a copy of this entire PEER shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This PEER consists of pages 1 through 5, plus a 158-page Appendix.

Prepared by:

Digitally signed by Robert Nieminen
Date: 2025.12.12 '15:42:45 -05'00

This item has been digitally signed and sealed by Robert Nieminen, P.E.
Printed copies of this document are not considered signed and sealed, and the signature must be verified on any electronic copies.
Robert Nieminen, Florida P.E. 59166, FBC ANE1983
NEMO ETC, LLC, Florida CA #32455



CERTIFICATION OF INDEPENDENCE:
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4. Robert Nieminen, P.E. does not have, nor will acquire, a financial interest in any other entity involved in the approval process of the product.
5. This is a building code evaluation. Neither NEMO ETC, LLC nor Robert Nieminen, P.E. are, in any way, the Designer of Record for any project on which this PEER, or previous versions thereof, is/was used for permitting or design guidance unless retained specifically for that purpose.

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ROOFING SYSTEMS EVALUATION:

1. SCOPE:

Product Category: Roofing
Sub-Category: Modified Bitumen Roof Systems
Product Approval Method: Method 1, Option D – Codified Material, Evaluation by Engineer
Compliance Statement: **Tremco Modified Bitumen Roof Systems**, as produced by **Tremco CPG, Inc.**, have demonstrated compliance with the following sections of the **Codes listed below** through testing in accordance with the following Standards. Compliance is subject to the Installation Requirements and Limitations of Use set forth herein.

2. STANDARDS:

CODE	SECTION	PROPERTY	STANDARD
2023 Florida Building Code	1504.3.1	Wind resistance	FM 4474
	1504.7	Impact resistance	FM 4470, Section 4.6
	1507.10.2	Material standards	ASTM D2178, D4601
	1507.11.2	Material standards	ASTM D6162, ASTM D6163, ASTM D6164, ASTM D6222, ASTM D6509
2018 International Building Code	1504.3.1	Wind resistance	FM 4474
	1504.7	Impact resistance	FM 4470, Section 4.6
	1507.10.2	Material standard	ASTM D2178
	1507.10.2, 1507.11.2.1	Material standard	ASTM D4601
	1507.11.2	Material standards	ASTM D6162, ASTM D6163, ASTM D6164, ASTM D6222, ASTM D6509

3. REFERENCES:

ENTITY	EXAMINATION	REFERENCE	DATE
ERD (TST6049)	ASTM D4601	TRM-SC9680.05.16	05/03/16
NEMO (TST6049)	ASTM D2178	4-TRM-18-002.04.18-2	04/27/18
NEMO (TST6049)	ASTM D6162	4S-TRM-18-002.11.18	11/28/18
NEMO (TST6049)	ASTM D6163	TRM-SC16860.04.18	04/27/18
NEMO (TST6049)	ASTM D6162	4q-TRM-19-SSMBB-01.B	10/24/19
NEMO (TST6049)	ASTM D6162	4q-TRM-19-SSMBB-01.C	10/24/19
NEMO (TST6049)	ASTM D6162	4q-TRM-19-SSMBB-01.D	10/24/19
NEMO (TST6049)	ASTM D6163	4q-TRM-19-SSMBB-01.E	10/24/19
NEMO (TST6049)	ASTM D6163	4q-TRM-19-SSMBB-01.F	10/24/19
NEMO (TST6049)	ASTM D6164	4q-TRM-19-SSMBB-01.G	10/24/19
NEMO (TST6049)	ASTM D6164	4q-TRM-19-SSMBB-01.H	10/24/19
NEMO (TST6049)	ASTM D6162	4q-TRM-19-SSMBB-01.A	02/07/20
NEMO (TST6049)	ASTM D6163	4q-TRM-19-SSMBB-03.A	04/22/20
NEMO (TST6049)	ASTM D6163	4q-TRM-19-SSMBB-03.B	04/22/20
NEMO (TST6049)	ASTM D6163	4q-TRM-19-SSMBB-03.C	04/22/20
NEMO (TST6049)	ASTM D6163	4q-TRM-19-SSMBB-03.D	04/22/20
NEMO (TST6049)	ASTM D6164	4q-TRM-21-SSMBB-01.A	07/20/21
NEMO (TST6049)	ASTM D4601	4q-TRM-21-SSMBB-02.A.R1	01/04/22
NEMO (TST6049)	ASTM D6162	4q-TRM-21-SSMBB-03.A	07/19/22
PRI (TST5878)	ASTM D6509	507T0190	05/02/22
PRI (TST5878)	ASTM D6222	JMC-330-02-01	10/17/18
PRI (TST5878)	ASTM D6222	JMC-330-02-03	10/17/18
PRI (TST5878)	ASTM D6163	507T0104	05/11/21
PRI (TST5878)	ASTM D6163	507T0105	05/11/21
PRI (TST5878)	ASTM D6163	824T0047	06/09/22
ACRC (TST4671)	TAS 114	07-015	04/17/07
ERD (TST11294)	FM 4474	JM-SC11190.03.16	03/11/16
ERD (TST11294)	FM 4474	13625.04.17; TRM-S1	04/06/17
ERD (TST11294)	FM 4474	13625.04.17-1; TRM-S2	04/20/17
ERD (TST11294)	FM 4474	13625.05.17-1-R1	06/05/17
ERD (TST11294)	FM 4474	13625.05.17-2A	06/05/17
ERD (TST11294)	FM 4474	13625.07.17-2	07/20/17
ERD (TST11294)	FM 4474	15770.09.17-2	09/20/17
ERD (TST11294)	FM 4474	13625.11.17-2	12/07/17
ERD (TST11294)	FM 4474	13625.12.17-2B	12/21/17
ERD (TST6049)	FM 4474	4674.11.01-1	11/21/01

ENTITY	EXAMINATION	REFERENCE	DATE
FM (TST1867)	4470/4474	3055491 (LTR)	02/10/16
NEMO (TST11294)	FM 4474	13625.01.18-1	01/08/18
NEMO (TST11294)	FM 4474	13625.01.18-3B	01/08/18
NEMO (TST11294)	FM 4474	13625.01.18-4B	01/08/18
NEMO (TST11294)	FM 4474	13625.01.18-6B	01/09/18
NEMO (TST11294)	FM 4474	13625.01.18-7	01/12/18
NEMO (TST11294)	FM 4474	TRM-CTL15770.09.17-2	01/15/18
NEMO (TST11294)	FM 4474	2-TRM-18-001.01.18-1B	01/29/18
NEMO (TST11294)	FM 4474	2-TRM-18-001.05.18-1	05/17/18
NEMO (TST11294)	FM 4474	2-TRM-18-001	07/13/18
NEMO (TST11294)	FM 4474	2-TRM-18-001.07.18-1A	07/16/18
NEMO (TST11294)	FM 4474	2-TRM-18-001.07.18-2A	07/16/18
NEMO (TST11294)	FM 4474	2-TRM-18-001; TRM-C18	08/15/18
NEMO (TST11294)	FM 4474	2-TRM-18-001	10/11/18
NEMO (TST11294)	FM 4474	2-TRM-18-001	10/26/18
NEMO (TST11294)	FM 4474	2-TRM-18-001.10.18.A	10/31/18
NEMO (TST11294)	FM 4474	2-TRM-18-001	11/09/18
NEMO (TST11294)	FM 4474	2a-TRM-19-LSWUS-01.A	01/15/20
NEMO (TST11294)	FM 4474	2a-TRM-20-LSWUS-01	04/08/20
NEMO (TST11294)	FM 4474	2a-TRM-20-LSWUS-03.A	09/23/20
NEMO (TST11294)	FM 4474	2a-TRM-20-LSWUS-02.A	11/11/20
NEMO (TST11294)	FM 4474	2a-TRM-21-LSWUS-01.A	01/18/22
NEMO (TST11294)	FM 4474	2a-TRM-23-LSWUS-01	09/11/23
NEMO (TST6049)	FM 4474	TRM-SC13940.01.18-1B	01/12/18
NEMO (TST6049)	FM 4474	4-TRM-18-006.03.18-1	03/27/18
NEMO (TST6049)	FM 4474	4-TRM-18-006.05.18-1	05/25/18
NEMO (TST6049)	FM 4474	4-TRM-18-006; TRM-C13	06/28/18
NEMO (TST6049)	FM 4474	4-TRM-18-006; TRM-C18	07/26/18
NEMO (TST6049)	FM 4474	4-TRM-18-006.08.18-1	08/02/18
NEMO (TST6049)	FM 4474	4-TRM-18-006.08.18-2	08/02/18
NEMO (TST6049)	FM 4474	4-TRM-18-006.08.18-3	08/02/18
NEMO (TST6049)	FM 4474	2-TRM-18-001; TRM-B7	08/10/18
NEMO (TST6049)	FM 4474	4-TRM-18-006.11.18	11/20/18
NEMO (TST6049)	FM 4474	4-TRM-18-006; TRM-C23	12/04/18
NEMO (TST6049)	FM 4474	4a-TRM-19-LSWUS-02.A	03/18/19
NEMO (TST6049)	FM 4474	4a-TRM-19-LSWUS	06/11/19

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Entity	Examination	Reference	Date
ERD (TST6049)	FM 4474	2011.K39690SC	08/20/12
ERD (TST6049)	FM 4474	TRM-SC6775.12.14	12/31/14
ERD (TST6049)	FM 4474	TRM-SC6775.01.15	01/02/15
ERD (TST6049)	FM 4474	TRM-SC6775.11.15-09-1	11/12/15
ERD (TST6049)	FM 4474	TRM-SC9625.11.15-2-R1	11/17/15
ERD (TST6049)	FM 4474	11675.06.16-1	06/08/16
ERD (TST6049)	FM 4474	11090.07.16-1	07/18/16
ERD (TST6049)	FM 4474	12530.10.16-2; TRM-20A	10/11/16
ERD (TST6049)	FM 4474	12935.10.16; TRM-21	10/11/16
ERD (TST6049)	FM 4474	11090.10.16-1	10/20/16
ERD (TST6049)	FM 4474	11675.10.16; TRM-19	10/20/16
ERD (TST6049)	FM 4474	TRM-SC13940.09.17	09/20/17
FM (TST1867)	4470/4474	3002823	04/01/99
FM (TST1867)	4470/4474	4D2A3.AM	09/04/99
FM (TST1867)	4470/4474	3005298	05/10/02
FM (TST1867)	4470/4474	3018579	10/09/03
FM (TST1867)	4470/4474	3018436	02/09/04
FM (TST1867)	4470/4474	3018437	02/09/04
FM (TST1867)	4470/4474	3015502	12/30/04
FM (TST1867)	4470/4474	3026215	05/19/06
FM (TST1867)	4470/4474	3027863	11/08/06
FM (TST1867)	4470/4474	3025185	05/22/07
FM (TST1867)	4470/4474	3033461	09/16/08
FM (TST1867)	4470/4474	3039057	04/21/11
FM (TST1867)	4470/4474	3043423	12/14/11
FM (TST1867)	4470/4474	3043018	01/27/12
FM (TST1867)	4470/4474	3045534	04/04/12
FM (TST1867)	4470/4474	3040922	06/13/12
FM (TST1867)	4470/4474	3045650	09/27/12
FM (TST1867)	4470/4474	3048493	09/24/13
FM (TST1867)	4470/4474	3051558	12/04/15

Entity	Examination	Reference	Date
NEMO (TST6049)	Criticality	4i-TRM-19-SSCRT	06/17/19
NEMO (TST6049)	FM 4474	4a-TRM-20-LSWUS-01.A	06/15/20
NEMO (TST6049)	FM 4474	4a-TRM-20-LSWUS-04.A	11/17/20
NEMO (TST6049)	Criticality	4i-TRM-20-SSCRT-02.A	11/17/20
NEMO (TST6049)	Criticality	4i-TRM-20-SSCRT-01.A	05/06/21
NEMO (TST6049)	FM 4474	4a-TRM-21-LSWUS-01.A	06/15/21
NEMO (TST6049)	FM 4474	4a-TRM-21-LSWUS-02.A	10/08/21
NEMO (TST6049)	FM 4474	4a-TRM-21-LSWUS-04.A	10/08/21
NEMO (TST6049)	FM 4474	4i-TRM-21-SSCRT-02.A	11/11/21
NEMO (TST6049)	Criticality	4i-DAP-21-SSCRT-01.A.R1	03/03/22
NEMO (TST6049)	FM 4474	4a-TRM-22-LSWUS-01.A	05/24/22
NEMO (TST6049)	FM 4474	4a-TRM-22-LSWUS-02.A	05/24/22
NEMO (TST6049)	Criticality	4i-TRM-22-SSCRT-03.A	06/27/22
NEMO (TST6049)	Criticality	4i-TRM-22-SSCRT-04.A	10/12/22
NEMO (TST6049)	Criticality	4u-ACES-23-SSMFP-01.A	05/24/23
NEMO (TST6049)	Criticality	4i-ACES-23-SSCRT-01	08/30/23
NEMO (TST6049)	Criticality	4i-TRM-23-SSCRT.01.A.R1	11/07/23
NEMO (TST6049)	FM 4474	4a-TRM-23-LSWUS-04.A	11/20/23
NEMO (TST6049)	Criticality	4i-TRM-23-SSCRT.03.A	03/18/24
NEMO (TST6049)	FM 4474	4a-TRM-23-LSWUS-03.A	03/27/24
NEMO (TST6049)	FM 4474	4a-TRM-LSWUS-001.A	11/15/24
NEMO (TST6049)	FM 4474	4a-TRM-LSWUS-003.A	11/21/25
PRI (TST5878)	FM 4474	TRE-162-02-02	06/22/15
NEMO	Traceability	NE-FRM-0025-01	06/11/21
NEMO	Traceability	NE-FRM-0025-01	06/11/21
NEMO	Traceability	TRFM-0020-JM	02/28/23
NEMO	Traceability	NE-FRM-0025-01-GAF	11/21/23
UL LLC (QUA9625)	Traceability	L14A, MLA	12/27/22
UL (QUA9625)	QA	Service Confirmation	07/31/25
UL (QUA9625)	QA	Florida BCIS	Current

4. Product Description:

This PEER covers **Tremco Modified Bitumen Roof Systems** installed in accordance with **Tremco** published installation instructions and the Limitations of Use herein.

Table 1: Evaluated Membranes

Type	Product	Material Standard			Plant(s)
		Reference	Type	Grade	
Base Sheets	BURmastic Glass Ply	D4601	II	N/A	OH
	BURmastic Glass Ply – 28 lb	D4601	II	N/A	OH
	BURmastic Composite Ply HT	D4601	II	N/A	OH
	BURmastic Composite Ply Premium	D4601	II	N/A	OH
	BURmastic Composite Ply HT Green	D4601	II	N/A	OH
Ply Sheets	THERMglass Type IV	D2178	IV	N/A	OK
	THERMglass Premium VI	D2178	VI	N/A	OK
APP, Smooth-Surface	POWERply APP Base Sheet	D6509	N/A	N/A	GA
	POWERply APP Smooth	D6222	I	S	GA
APP, Granule-Surface	POWERply APP FR	D6222	I	G	GA
SBS, Smooth-Surface	POWERply SBS Base HW	D6162	III	S	TX
	POWERply Endure 300 Smooth	D6162	III	S	OH
	POWERply Endure 320 Smooth	D6162	III	S	OH
	POWERply Standard Smooth	D6163	I	S	OH
	POWERply Standard Smooth HW	D6163	I	S	GA
	POWERply Endure 100 Smooth	D6163	III	S	OH
	POWERply Heavy Duty Base Sheet	D6163	III	S	OH
	POWERply 2PM	D6164	I	S	OH
	POWERply Endure 200 Smooth	D6164	I	S	OH

TABLE 1 (CONTINUED): EVALUATED MEMBRANES					
TYPE	PRODUCT	MATERIAL STANDARD			PLANT(S)
		REFERENCE	TYPE	GRADE	
SBS, GRANULE SURFACE	POWERply Endure 300 FR	D6162	III	G	OH
	POWERply Endure 320 FR	D6162	III	G	OH
	POWERply SBS Deluxe HW	D6162	III	G	TX
	POWERply Standard	D6163	I	G	OH
	POWERply Standard FR	D6163	I	G	OH
	POWERply Standard FR GT24C	D6163	I	G	AR
	POWERply Standard FR HW	D6163	I	G	OH
	POWERply Endure 100 FR	D6163	III	G	OH
	POWERply 3GR	D6164	I	G	OH
	POWERply Endure 200 FR	D6164	II	G	OH

5. LIMITATIONS:

5.1 This is a building code evaluation. Neither NEMO ETC, LLC nor Robert Nieminen, P.E. are, in any way, the Designer of Record for any project on which this PEER, or previous versions thereof, is/was used for permitting or design guidance. PEERs are not to be construed as representing any attributes not specifically listed, nor are PEERs to be construed as an endorsement of the subject, or a recommendation for its use. There is no warranty by NEMO ETC, LLC or Robert Nieminen, P.E., express or implied, as to any finding or other matter in this PEER, or as to any product covered by the PEER.

5.2 This PEER is not for use in FBC High Velocity Hurricane Zone jurisdictions, as defined in FBC Chapter 2 (Broward and Miami-Dade Counties).

5.3 This PEER pertains to above-deck roof components. Roof decks and structural members shall be in accordance with requirements of the applicable Code to the satisfaction of the Authority Having Jurisdiction.

5.4 This PEER does not include evaluation of fire classification. Refer to **FBC or IBC 1505** for requirements and limitations regarding roof assembly fire classification. Refer to **FBC or IBC 2603** for requirements and limitations concerning the use of foam plastic insulation.

5.5 This PEER does not include evaluation of roof edge termination. Refer to **FBC or IBC 1504.5** for requirements and limitations regarding edge securement for low-slope roofs.

5.6 Refer to **FBC or IBC 1511** for requirements and limitations regarding recover installations.

5.6.1 For mechanically attached components over existing roof decks, fasteners shall be tested in the existing deck for withdrawal resistance. A qualified design professional shall review the data for comparison to the minimum requirements for the system. Testing shall be in accordance with **ANSI/SPRI FX-1** or **Testing Application Standard TAS 105**.

5.6.2 For bonded insulation or membrane over existing substrates in a re-roof (tear off) or recover installation, the existing deck or existing roof surface shall be examined for compatibility with the adhesive to be installed. If any surface conditions exist that bring system performance into question, field uplift testing in accordance with **ANSI/SPRI IA-1**, **ASTM E907**, **FM Loss Prevention Data Sheet 1-52** or **Testing Application Standard TAS 124** shall be conducted on mock-ups of the proposed new roof assembly.

5.6.3 For bonded insulation or membrane over existing substrates in a recover installation, the existing roof system shall be capable of resisting project design pressures on its own merit to the satisfaction of the Authority Having Jurisdiction, as documented through field uplift testing in accordance with **ASTM E907**, **FM Loss Prevention Data Sheet 1-52** or **Testing Application Standard TAS 124**.

5.7 Refer to Appendix 1 for system attachment requirements for wind load resistance.

5.7.1 "MDP" = Maximum Design Pressure is the result of testing for wind load resistance based on allowable wind loads, and reflects the ultimate passing pressure divided by 2 (the 2 to 1 margin of safety per **FBC 1504.9** has already been applied). Refer to **FBC or IBC 1609** for determination of design wind loads.

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5.7.2 For mechanically attached components or partially-bonded insulation, the maximum design pressure for the selected assembly shall meet or exceed at least the Zone 1 PRIME design pressure determined in accordance with **FBC or IBC Chapter 16**. Elevated pressure zones shall employ an attachment density designed by a qualified design professional to resist the elevated pressure criteria. Commonly used methods are **ANSI/SPRI WD1**, **FM Loss Prevention Data Sheet 1-29**, **Roofing Application Standard RAS 117** or **RAS 137**. Assemblies marked with an asterisk* carry the limitations set forth in **Section 2.2.10.1 of FM Loss Prevention Data Sheet 1-29** for Zone 2/3 enhancements.

5.7.3 For assemblies with all components fully bonded in place, the maximum design pressure for the selected assembly shall meet or exceed critical design pressure determined in accordance with **FBC or IBC Chapter 16**. No rational analysis is permitted for these systems.

5.8 All components in the roof assembly shall have quality assurance audit in accordance with **F.A.C. Rule 61G20-3**. Refer to the Product Approval of the component manufacturer for components listed in Appendix 1 that are produced by a Product Manufacturer other than the report holder on Page 1 of this PEER.

6. INSTALLATION:

Tremco Modified Bitumen Roof Systems shall be installed in accordance with **Tremco CPG, Inc.** current, published installation instructions, subject to the Limitations of Use noted herein.

7. BUILDING PERMIT REQUIREMENTS:

As required by the Building Official or Authority Having Jurisdiction to properly evaluate the installation of this product.

8. MANUFACTURING PLANTS:

Contact the named QA entity for manufacturing facilities covered by **F.A.C. Rule 61G20-3** QA requirements. Refer to Section 4 herein for products and production locations having met codified material standards.

9. QUALITY ASSURANCE ENTITY:

UL (QUA9625): (360) 817-5512; bsai.inspections@ul.com

- THE 158-PAGES THAT FOLLOW FORM PART OF THIS PEER -

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APPENDIX 1: ATTACHMENT REQUIREMENTS FOR WIND UPLIFT RESISTANCE

TABLE	DECK	APPLICATION	TYPE	DESCRIPTION	PAGE
1A	Wood	New or Reroof (Tear-Off)	A-1	Bonded Insulation, Bonded Roof Cover	11
1B	Wood	New, Reroof (Tear-Off) or Recover	B-1	Mechanically Attached Base Insulation, Bonded Top Insulation, Bonded Roof Cover	19
1C	Wood	New, Reroof (Tear-Off)	B-2	Mechanically Attached Thermal Barrier, Bonded Vapor Barrier, Bonded Insulation, Bonded Roof Cover	24
1D	Wood	New or Reroof (Tear-Off)	B-3	Mechanically Attached Anchor Sheet, Bonded Insulation, Bonded Roof Cover	26
1E	Wood	New, Reroof (Tear-Off) or Recover	C-1	Mechanically Attached Insulation, Bonded Roof Cover	28
1F	Wood	New, Reroof (Tear-Off) or Recover	D-2	Insulated, Mechanically Attached Base Sheet, Bonded Roof Cover	33
1G	Wood	New, Reroof (Tear-Off) or Recover	D-2	Insulated, Mechanically Attached PowerFAST, Bonded Roof Cover	34
1H	Wood	New or Reroof (Tear-Off)	E-2	Non-Insulated, Mechanically Attached Base Sheet (nails), Bonded Roof Cover	36
1I	Wood	New, Reroof (Tear-Off) or Recover	E-2	Non-Insulated, Mechanically Attached Base Sheet (screws & plates), Bonded Roof Cover	37
1J	Wood	New, Reroof (Tear-Off) or Recover	E-2	Non-Insulated, Mechanically Attached PowerFAST, Bonded Roof Cover	38
2A	Steel	New, Reroof (Tear-Off)	A-1	Bonded Insulation, Bonded Roof Cover	40
2B	Steel	New, Reroof (Tear-Off)	A-3	Bonded Thermal Barrier, Bonded Vapor Barrier, Bonded Insulation, Bonded Roof Cover	51
2C	Steel or Structural Concrete	New, Reroof (Tear-Off) or Recover	B-1	Mechanically Attached Base Insulation, Bonded Top Insulation, Bonded Roof Cover	54
2D	Steel	New, Reroof (Tear-Off)	B-2	Mechanically Attached Thermal Barrier, Bonded Vapor Barrier, Bonded Insulation, Bonded Roof Cover	72
2E	Steel or Structural Concrete	New, Reroof (Tear-Off) or Recover	C-1	Mechanically Attached Insulation, Bonded Roof Cover	84
2F	Steel	New, Reroof (Tear-Off) or Recover	D-2	Insulated, Mechanically Attached Base Sheet, Bonded Roof Cover	94
2G	Steel	New, Reroof (Tear-Off) or Recover	D-2	Insulated, Mechanically Attached PowerFAST, Bonded Roof Cover	95
3A	Structural Concrete	New or Reroof (Tear-Off)	A-1	Bonded Insulation, Bonded Roof Cover	97
3B	Structural Concrete	New or Reroof (Tear-Off)	F	Non-Insulated, Bonded Roof Cover	104
4A	Deck with Lightweight concrete	Reroof (Tear-Off)	A-1	LWC to Deck, Bonded Insulation, Bonded Roof Cover	105
4B	Deck with Lightweight concrete	New, Reroof (Tear-Off)	B-3	Mechanically Attached Anchor Sheet, Bonded Insulation, Bonded Roof Cover	109
4C	Deck with Lightweight concrete	Reroof (Tear-Off) or Recover	C-1	LWC to Deck, Mechanically Attached Insulation, Bonded Roof Cover	112
4D	Deck with Lightweight concrete	New, Reroof (Tear-Off)	E-2	LWC to Deck, Mechanically Attached Base Sheet, Bonded Roof Cover	124
4E	Deck with Lightweight concrete	New, Reroof (Tear-Off) or Recover	E-2	LWC to Deck, Mechanically Attached PowerFAST, Bonded Roof Cover	129
4F	Deck with Lightweight concrete	New, Reroof (Tear-Off)	E-2	Vapor Barrier to Deck, LWC to Vapor Barrier, Mechanically Attached Base Sheet, Bonded Roof Cover	130
4G	Deck with Lightweight concrete	New, Reroof (Tear-Off)	F	LWC to Deck, Bonded Roof Cover	135
4H	Deck with Lightweight concrete	New, Reroof (Tear-Off)	F	Vapor Barrier to Deck, LWC to Vapor Barrier, Bonded Roof Cover	136
5A	Cementitious wood fiber	New, Reroof (Tear-Off)	A-1	Bonded Insulation, Bonded Roof Cover	137
5B	Cementitious wood fiber	New, Reroof (Tear-Off) or Recover	B-3	Mechanically Attached Anchor Sheet, Bonded Insulation, Bonded Roof Cover	139
6A	Existing gypsum	Reroof (Tear-Off)	A-1	Bonded Insulation, Bonded Roof Cover	142
6B	Existing gypsum	Reroof (Tear-Off)	A-1a	Bonded Vapor Barrier, Bonded Insulation, Bonded Roof Cover	144
6C	Existing gypsum	Reroof (Tear-Off) or Recover	B-3	Mechanically Attached Anchor Sheet, Bonded Insulation, Bonded Roof Cover	146
6D	Existing gypsum	Reroof (Tear-Off) or Recover	E-2	Non-Insulated, Mechanically Attached Base Sheet, Bonded Roof Cover	151
7A	Various	Recover	A-1	Bonded Insulation, Bonded Roof Cover	154

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The following notes apply to the systems outlined herein:

1 The roof system evaluation herein pertains to above-deck roof components. Roof decks and structural members shall be in accordance with requirements of the applicable Code to the satisfaction of the Authority Having Jurisdiction.

2 Unless otherwise noted, fasteners and stress plates shall be as follows. Recessed plates are not for use with cement-based or gypsum-based hardboard coverboards. Fastener shall be of sufficient length for the following engagements:

FASTENER/PLATE OPTIONS				
DECK TYPE	BY	FBC FILE OR NOA	PARTS	MINIMUM ENGAGEMENT
WOOD	Tremco CPG	N/A	Tremco #12 DP or Tremco #14 HD with Tremco 3" Metal Insulation Plate or Tremco #1211 Fastener or Tremco #1410 Fastener with Tremco Disc 3 in. Steel Stress Plate or Tremco Disc Ribbed 3 in. Steel Stress Plate	Minimum ¾-inch plywood penetration or wood plank embedment
	Ace Screws	FL41667	ACE #12 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate *(with polyisocyanurate insulation, TremBoard AC, DEXcell Cement Roof Board, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board)*	
	Altenloh, Brinck and Co. U.S., Inc.	FL4500	Trufast #12 DP or Trufast #14 HD with Trufast 3" Metal Insulation Plate	
	OMG, Inc.	FL699	OMG #12 Standard or OMG #14 Heavy Duty with OMG 3 in. Galvalume Steel Plate or 3 in. Ribbed Galvalume Plate	
STEEL	Tremco CPG	N/A	Tremco #12 DP or Tremco #14 HD with Tremco 3" Metal Insulation Plate or Tremco #1211 Fastener or Tremco #1410 Fastener with Tremco Disc 3 in. Steel Stress Plate or Tremco Disc Ribbed 3 in. Steel Stress Plate	Minimum ¾-inch steel penetration and engage the top flute of the steel deck
	Ace Screws	FL41667	ACE #12 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate *(with polyisocyanurate insulation, TremBoard AC, DEXcell Cement Roof Board, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board)*	
	Altenloh, Brinck and Co. U.S., Inc.	FL4500	Trufast #12 DP or Trufast #14 HD with Trufast 3" Metal Insulation Plate	
	OMG, Inc.	FL699	OMG #12 Standard or OMG #14 Heavy Duty with OMG 3 in. Galvalume Steel Plate or 3 in. Ribbed Galvalume Plate	
STRUCTURAL CONCRETE	Tremco CPG	N/A	Tremco #14 HD with Tremco 3" Metal Insulation Plate or Tremco #1410 Fastener with Tremco Disc 3 in. Steel Stress Plate or Tremco Disc Ribbed 3 in. Steel Stress Plate	Minimum 1-inch embedment. Fastener installed with a pilot hole in accordance with the fastener manufacturer's published installation instructions
	Ace Screws	FL41667	ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate *(with polyisocyanurate insulation, TremBoard AC, DEXcell Cement Roof Board, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board)*	
	Altenloh, Brinck and Co. U.S., Inc.	FL4500	Trufast #14 HD with Trufast 3" Metal Insulation Plate	
	OMG, Inc.	FL699	OMG #14 Heavy Duty or CD-10 with OMG 3 in. Galvalume Steel Plate or 3 in. Ribbed Galvalume Plate	

3 Unless otherwise noted, insulation may be any one layer or combination of FBC Approved (Local or Statewide) board(s) that meet FBC or IBC 1505 and, for foam plastic, FBC or IBC Chapter 26, when installed with the roof cover.

4 Minimum 200 psi, minimum 2-inch thick FBC Approved lightweight insulating concrete may be substituted for, or installed below, rigid insulation board for System Types B-1, C-1, C-2, D-1 or D-2, whereby fasteners are installed through the lightweight insulating concrete to engage the structural deck. The structural deck shall be of equal or greater type, thickness and strength to the steel and structural concrete deck listings. Roof decks and structural members shall be in accordance with requirements of the applicable Code to the satisfaction of the Authority Having Jurisdiction. This is a wind uplift resistance allowance and does not purport to address non-wind-uplift-related issues, such as deck venting or moisture levels within the LWIC and the potential effect on overlying components.

5 Preliminary insulation attachment: Unless otherwise noted, use FBC Approved roofing fasteners and plates and refer to Section 2.2.10.1.3 of FM Loss Prevention Data Sheet 1-29.

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6 Unless otherwise noted, insulation adhesive application rates are as follows.

- Ribbon or bead width is at the time of application; the ribbons/beads shall expand as noted in the manufacturer's published instructions.
- If applying hot asphalt to concrete deck, deck shall be primed with ASTM D41 primer.
- When multiple layers(s) of insulation and/or coverboard are installed in ribbon-applied adhesive, board joints shall be staggered.
- The maximum edge distance from the adhesive ribbon to the edge of the insulation board shall be not less than one-half the specified ribbons spacing.

INSULATION ADHESIVE REFERENCES

BY	ADHESIVE	REFERENCE	MINIMUM RATE	NOTE
Tremco CPG	Tremco Low Rise Foam Insulation Adhesive	LRFIA	Continuous ribbons, 12-inch o.c.	Refer to Note 18 for allowable alternates
	Tremco Low Rise Foam Insulation Adhesive (BG)	LRFIA(BG)	Continuous ribbons, 12-inch o.c.	
	Tremco PSF Adhesive	PSFA	Continuous ribbons, 12-inch o.c.	Tremco PSF Adhesive may be used as an alternate to LRFIA or LRFIA(BG) with the following substrates:
Generic	Hot asphalt		Full coverage at 25-30 lbs/square	

SUBSTRATE USE	SUBSTRATE OPTIONS
Deck:	plywood, OSB, steel, structural concrete, Tectum and existing gypsum deck
Vapor Barrier:	AVC Max, BURmastic Composite Ply HT, BURmastic Composite Ply Premium, POWERply Standard Smooth, POWERply Endure 100 Smooth, POWERply Endure 200 Smooth or POWERply Standard Smooth HW
Insulation:	Trisotech G or Trisotech CGF
Coverboard:	TremBoard AC, DEXcell Cement Roof Board, Structodek HD with Primed Red Coating, DensDeck, DensDeck Prime or DEXcell FA Glass Mat Roor Board
Recover substrate:	Existing smooth-surface or granule-surface BUR or SBS modified bitumen

7 Unless otherwise noted, all insulations are flat-stock or taper board of the minimum thickness noted. Tapered polyisocyanurate at the following thickness limitations may be substituted with the following Maximum Design Pressure (MDP) limitations. In no case shall these values be used to 'increase' the MDP listings in the tables; rather if MDP listing below meets or exceeds that listed for a particular system in the tables, then the thinner board listed below may be used as a drop-in for the equivalent thicker material listed in the table.

MDP LIMITATIONS FOR TAPERED POLYISOCYANURATE INSULATIONS

ADHESIVE	INSULATION		MIN. TAPERED THICKNESS (IN)	MDP (PSF)
	LISTED PRODUCT	FBC FILE		
LRFIA or LRFIA(BG)	Any polyisocyanurate listed with adhesive herein	Various	0.5	-157.5

8 For adhered roof insulation and board-size: Unless otherwise noted, refer to Section 2.2.10.6.2 of FM Loss Prevention Data Sheet 1-29.

9 For mechanically attached components or partially-bonded insulation, the maximum design pressure for the selected assembly shall meet or exceed at least the Zone 1 PRIME design pressure determined in accordance with FBC or IBC Chapter 16. Elevated pressure zones shall employ an attachment density designed by a qualified design professional to resist the elevated pressure criteria. Commonly used methods are ANSI/SPRI WD1, FM Loss Prevention Data Sheet 1-29, Roofing Application Standard RAS 117 or RAS 137. Assemblies marked with an asterisk* carry the limitations set forth in Section 2.2.10.1 of FM Loss Prevention Data Sheet 1-29 for Zone 2/3 enhancements.

10 For assemblies with all components fully bonded, the maximum design pressure for the selected assembly shall meet or exceed critical design pressure determined in accordance with FBC or IBC Chapter 16. No rational analysis is permitted for these systems.

11 For mechanically attached components over existing decks, fasteners shall be tested in the existing deck for withdrawal resistance. A qualified design professional shall review the data for comparison to the minimum requirements for the system. Testing and analysis shall be in accordance with ANSI/SPRI FX-1 or Testing Application Standard TAS 105. For systems using Trufast Versa-Fast, the number of Versa-Fast Fasteners installed through the Versa-Fast Plate may be increased from the minimum noted in order to yield minimum required withdrawal resistance.

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12 For bonded insulation or membrane over existing substrates in a re-roof (tear off) or recover installation, the existing deck or existing roof surface shall be examined for compatibility with the adhesive to be installed. If any surface conditions exist that bring system performance into question, field uplift testing shall be conducted on mock-ups of the proposed new roof assembly. For bonded insulation or membrane over existing substrates in a recover installation, the existing roof system shall be capable of resisting project design pressures on its own merit to the satisfaction of the Authority Having Jurisdiction, as documented through field uplift testing. Field uplift testing shall be in accordance with ASTM E907, FM Loss Prevention Data Sheet 1-52 or Testing Application Standard TAS 124.

12A Reference to "*Existing gravel-surfaced asphaltic built-up roof, brushed / spudded and vacuumed to remove loose gravel*" in Table 7A is intended to convey an as-tested condition whereby any loose-gravel that does not remain embedded in the asphalt flood coat after brushing and/or spudding be removed. The gravel that remains embedded in the asphalt flood coat remains.

13 Refer to FBC or IBC 1511 for requirements and limitations regarding recover installations. For Structural Concrete Deck or Recover Applications using System Type C-1 the base insulation layer is optional and for System Type C-2, D-1 or D-2, the insulation is optional. Alternatively, an FBC Approved insulation board or coverboard may be used as a separation layer. Board products shall be preliminarily attached prior to roof cover installation **(Note 5)**. The separator component shall be documented as meeting FBC or IBC 1505 and, for foam plastic, FBC or IBC Chapter 26, when installed with the roof cover in Recover applications.

14 Florida Specific: Lightweight insulating concrete (LWIC) shall be cast in accordance with FBC Section 1917 to the satisfaction of the Authority Having Jurisdiction. For systems where specific LWIC is referenced, refer to current LWIC Product Approval for specific deck construction and limitations. Unless otherwise noted, for systems where specific LWIC is not referenced, the minimum design mix shall be 300 psi. In all cases, the minimum top-coat thickness is 2-inches. For LWIC over structural concrete, reference is made to FBC Section 1917.4.1, Point 1.

14A For "pre-existent" LWIC references, listings were established through testing over lightweight concrete cast using only foaming agent (ASTM C896), water and Portland cement (ASTM C150), with no proprietary additives, in accordance with procedures adopted by Miami-Dade BCCO (FBC CER1592). Use of these listings in new construction or re-roof (tear-off) applications is at the discretion of the Designer or Record and Authority Having Jurisdiction.

As a field QA measure of the pre-existent cellular lightweight concrete:

- Compressive strength testing shall be conducted in accordance with **ASTM C513** and shall yield an average result as per the system listing.
- Field withdrawal resistance testing in accordance with **Note 11** shall yield an average result as per the system listing.
- If question exists as to wind uplift performance of the pre-existent cellular lightweight concrete, or adhesion to the LWC surface, field uplift testing in accordance with **Note 12** is recommended.

All testing shall be performed by an accredited testing agency acceptable to the Authority Having Jurisdiction

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15 For bonded membrane applications, unless otherwise noted, refer to the following:

Membrane / Adhesive Combinations			
Reference	**Layer**	**Material**	**Application**
BP-CA1	Base Ply or Ply:	BURmastic Glass Ply, BURmastic Glass Ply – 28 lb, BURmastic Composite Ply HT, BURmastic Composite Ply Premium, BURmastic Composite Ply HT Green	**POWERply Standard Cold Adhesive or BURmastic Adhesive** at full-coverage, 1.5-2.0 gal/square
	Cap Ply :	BURmastic Glass Ply, BURmastic Glass Ply – 28 lb, BURmastic Composite Ply HT, BURmastic Composite Ply Premium, BURmastic Composite Ply HT Green	
SBS-CA1	Base Ply or Ply:	POWERply Endure 300 Smooth, POWERply Endure 320 Smooth, POWERply Standard Smooth, POWERply Endure 100 Smooth, POWERply Heavy Duty Base, POWERply Endure 200 Smooth	
	Cap Ply :	POWERply Standard Smooth, POWERply Heavy Duty Base, POWERply Endure 300 FR, POWERply Endure 320 FR, POWERply Standard, POWERply Standard FR, POWERply Standard FR GT24C, POWERply Endure 100 FR, POWERply 3GR, POWERply Endure 200 FR	
BP-CA4	Base Ply or Ply:	BURmastic Composite Ply HT, BURmastic Composite Ply Premium, BURmastic Composite Ply HT Green	**Tremco LR Adhesive** [LRA], ribbons spaced per Tables
BP-CA5	Base Ply or Ply:	One or more BURmastic Composite Ply HT, BURmastic Composite Ply Premium, BURmastic Composite Ply HT Green	**POWERply Endure BIO Adhesive TF** at full-coverage, 2.0 gal/square
	Cap Ply :	BURmastic Composite Ply HT, BURmastic Composite Ply Premium, BURmastic Composite Ply HT Green	
SBS-CA5	Base Ply or Ply:	One or more POWERply Endure 300 Smooth, POWERply Endure 320 Smooth, POWERply Standard Smooth, POWERply Endure 100 Smooth, POWERply Heavy Duty Base, POWERply 2PM, POWERply Endure 200 Smooth	
	Cap Ply :	POWERply Standard Smooth, POWERply Heavy Duty Base, POWERply Endure 300 FR, POWERply Endure 320 FR, POWERply Standard, POWERply Standard FR, POWERply Standard FR GT24C, POWERply Endure 100 FR, POWERply 3GR, POWERply Endure 200 FR	
	Note:	***POWERply Endure BIO Adhesive TF shall not be utilized in combination with solvent-based, cold-process adhesives.***	
BP-CA6	Base Ply or Ply:	BURmastic Glass Ply, BURmastic Glass Ply – 28 lb, BURmastic Composite Ply HT, BURmastic Composite Ply Premium, BURmastic Composite Ply HT Green	**BURmastic Adhesive MC** at full-coverage, 2.0 gal/square
	Cap Ply :	BURmastic Glass Ply, BURmastic Glass Ply – 28 lb, BURmastic Composite Ply HT, BURmastic Composite Ply Premium, BURmastic Composite Ply HT Green	
SBS-CA6	Base Ply or Ply:	POWERply Endure 300 Smooth, POWERply Endure 320 Smooth, POWERply Standard Smooth, POWERply Endure 100 Smooth, POWERply Heavy Duty Base, POWERply 2PM, POWERply Endure 200 Smooth	
	Cap Ply :	POWERply Standard Smooth, POWERply Heavy Duty Base, POWERply Endure 300 FR, POWERply Endure 320 FR, POWERply Standard, POWERply Standard FR, POWERply Endure 100 FR, POWERply 3GR, POWERply Endure 200 FR	
BP-AA	Base Ply or Ply:	One or more BURmastic Glass Ply, BURmastic Glass Ply – 28 lb, THERMglass Type IV, THERMglass Premium VI, BURmastic Composite Ply HT, BURmastic Composite Ply Premium, BURmastic Composite Ply HT Green	**Hot asphalt** at 20-40 lbs/square
	Cap Ply :	BURmastic Composite Ply HT, BURmastic Composite Ply Premium, BURmastic Composite Ply HT Green	
SBS-AA	Base Ply or Ply:	One or more POWERply Endure 300 Smooth, POWERply Endure 320 Smooth, POWERply Standard Smooth, POWERply Endure 100 Smooth, POWERply Heavy Duty Base, POWERply 2PM, POWERply Endure 200 Smooth	
	Cap Ply :	POWERply Standard Smooth, POWERply Heavy Duty Base, POWERply Endure 300 FR, POWERply Endure 320 FR, POWERply Standard, POWERply Standard FR, POWERply Standard FR GT24C, POWERply Endure 100 FR, POWERply 3GR, POWERply Endure 200 FR	
BP-SEBS	Base Ply or Ply:	One or more BURmastic Glass Ply, BURmastic Glass Ply – 28 lb, THERMglass Type IV, THERMglass Premium VI, BURmastic Composite Ply HT, BURmastic Composite Ply Premium, BURmastic Composite Ply HT Green	**THERMastic 80** at 25-30 lbs/square
SBS-SEBS	Base Ply or Ply:	One or more POWERply Endure 300 Smooth, POWERply Endure 320 Smooth, POWERply Standard Smooth, POWERply Endure 100 Smooth, POWERply Heavy Duty Base, POWERply 2PM, POWERply Endure 200 Smooth	
	Cap Ply :	POWERply Standard Smooth, POWERply Heavy Duty Base, POWERply Endure 300 FR, POWERply Endure 320 FR, POWERply Standard, POWERply Standard FR, POWERply Standard FR GT24C, POWERply Endure 100 FR, POWERply 3GR, POWERply Endure 200 FR	
SBS-TA	Base Ply or Ply:	One or more POWERply SBS Base HW, POWERply Standard Smooth HW	**Torch-Applied**
	Cap Ply :	POWERply SBS Deluxe HW, POWERply Standard FR HW	
APP-TA	Base Ply or Ply:	One or more POWERply APP Base Sheet, POWERply APP Smooth	
	Cap Ply :	POWERply APP Smooth, POWERply APP FR	

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15A Unless otherwise noted, side-laps in PowerFAST systems are sealed as follows. The adhesive is applied over the seam-plate row and troweled to an even film thickness over the entire lap area.

POWERFAST SIDE LAPS	
ADHESIVE	RATE
POWERply Endure BIO Adhesive TF	75 lineal feet / gallon
Tremco LF Adhesive	26 lineal feet / 1.5 liter cartridge

15B For Base Ply applications BP-CA5 and BP-CA6, substrates of Structodek HD with Primed Red Coating, DensDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board and SECUROCK Gypsum-Fiber Roof Board may be primed with DETEC "TruGround Conductive Primer" prior to Base Ply installation.

15C The following surfacings may be applied to the Cap Ply without adverse effect on the system wind load performance. Refer to current Florida Product Approval for approved roof coatings and the Roofing Materials Directory for fire ratings associated with coating usage. Note: Tremco CPG requires use of an FBC Approved Tremco CPG roof coating over smooth surface Cap Ply membranes. Solvent-based and 1-part urethane type coatings are not permitted for installation over systems involving POWERply Endure BIO Adhesive TF. Consult Tremco CPG for all compatibility limitations.

SURFCING OPTIONS FOR TREMCO CPG MODIFIED BITUMEN ROOF SYSTEMS		
OPTION #	SURFACING	FBC FILE OR NOA
SURF-1.	AlphaGuard MTS or AlphaGuard BIO	FL15546
SURF-2.	Alumanation 101, Alumanation 201 or Alumanation 301 at 2.0 to 2.5 gal./sq.	FL3818
SURF-3.	ECOLastic	FL21064
SURF-4.	Flood coat of hot asphalt or THERMastic 80 at 60 lbs/square followed by embedded gravel at 400 lbs/square	FL3818
SURF-5.	Flood coat of BURmastic Adhesive or POWERply Standard Cold Adhesive at 4 to 5 gal./sq. followed by embedded gravel at 400 lbs/square	FL3818
SURF-6.	Flood coat of Rock-It Adhesive or Rock-It Adhesive WB at 5 gal./sq. followed by aggregate stone at 200 lbs/square	FL3818
SURF-7.	ICE Coating at 4 to 5 gal./sq.	FL3818
SURF-8.	Geogard Base Coat or Geogard LO Base Coat followed by Geogard Finish Coat	FL16939
SURF-9.	Solargard 6083, Solargard 4083, Solargard 2083, TremPro Elastomeric 2400 Roof Coating or TremPro Elastomeric 2200	FL16939
SURF-10.	TremLastic S at 4 to 5 gal./sq.	FL3818

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16 **Thermal Barrier and/or Vapor Barrier Options:**

16A Wood Decks: The lesser of the MDP listings below vs. that for the selected assembly applies.

Vapor Barrier Options; Wood Deck; Followed by Adhesive-Applied Insulation					
Option #	Primer	Vapor Barrier		Adhesive per Table 1A (Notes 6,7,8)	MDP (psf)
		Type	Application		
W-VB-1.	Tremco AVC Membrane Primer or AVC Membrane Primer (WB)	Tremco AVC Max	Self-adhering	LRFIA, LRFIA(BG) or PSFA, 12-inch o.c.	-52.5
W-VB-2.	Tremco AVC Membrane Primer or AVC Membrane Primer (WB)	Tremco AVC Max	Self-adhering	LRFIA, LRFIA(BG) or PSFA, 6-inch o.c.	-75.0

16B Steel Decks: The lesser of the MDP listings below vs. that for the selected assembly applies.

Vapor Barrier Options; Steel Deck; Followed by Adhesive-Applied Insulation					
Option #	Primer	Vapor Barrier		Adhesive per Table 2A (Notes 6,7,8)	MDP (psf)
		Type	Application		
S-VB-1.	(Optional) Tremco AVC Membrane Primer or AVC Membrane Primer (WB)	Tremco AVC Max	Self-adhering	LRFIA, LRFIA(BG) or PSFA, 6-inch o.c.	-90.0

16C Structural Concrete Decks: The lesser of the MDP listings below vs. that for the selected assembly applies.

Vapor Barrier Options; Structural Concrete Deck; Followed by Adhesive-Applied Insulation					
Option #	Primer	Vapor Barrier		Adhesive per Table 3A (Notes 6,7&8)	MDP (psf)
		Type	Application		
C-VB-1.	Tremco AVC Primer	Tremco AVC Membrane	Self-adhering	LRFIA or LRFIA(BG)	-150.0
C-VB-2.	Tremco AVC Membrane Primer or Tremco AVC Membrane Primer (WB)	Tremco AVC Max	Self-adhering	LRFIA or LRFIA(BG)	-150.0
C-VB-3.	ASTM D41	THERMglas IV, THERMglas Premium VI	hot asphalt	hot asphalt	-225.0
C-VB-4.	None	BURmastic Composite Ply HT, BURmastic Composite Ply Premium, BURmastic Composite Ply HT Green	BURmastic Adhesive MC at 2 gal/square	LRFIA or LRFIA(BG)	-250.0
C-VB-5.	None	BURmastic Composite Ply HT, BURmastic Composite Ply Premium, BURmastic Composite Ply HT Green or POWERply Heavy Duty Base Sheet	POWERply Endure BIO Adhesive TF at 2 gal/square	LRFIA or LRFIA(BG)	-262.5
C-VB-6.	None	POWERply Standard Smooth, POWERply Endure 100 Smooth, POWERply Endure 200 Smooth	POWERply Endure BIO Adhesive TF at 2 gal/square	LRFIA or LRFIA(BG)	-292.5
C-VB-7.	TREMprime WB Primer	POWERply Standard Smooth HW	Torch-applied	LRFIA or LRFIA(BG)	-345.0

16D For System Types B-1, B-2, C-1, C-2, D-1 or Type D-2, an optional thermal barrier and/or Tremco AVC Membrane or Tremco AVC Max (self-adhering) may be installed atop the roof deck prior to installation of the insulation and roof cover. Refer to FM Loss Prevention Data Sheet 1-29 for design and installation recommendations and limitations.

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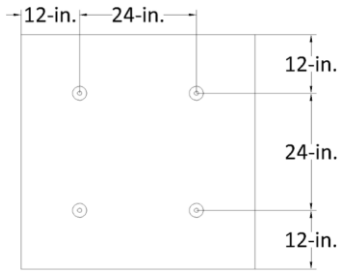
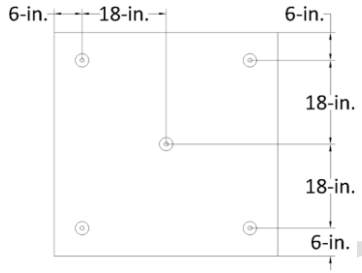
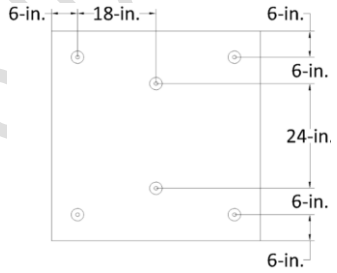
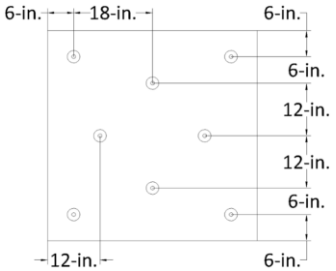
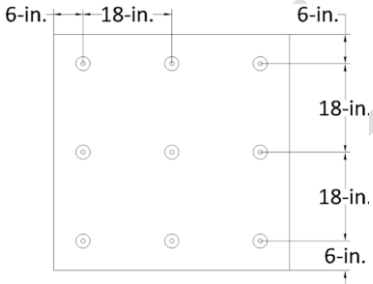
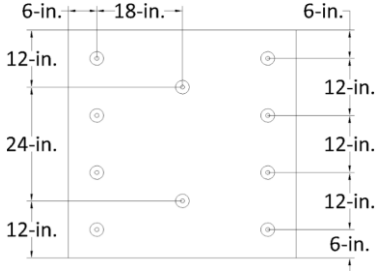
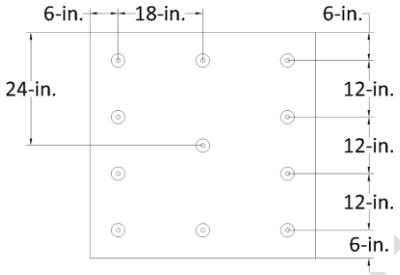
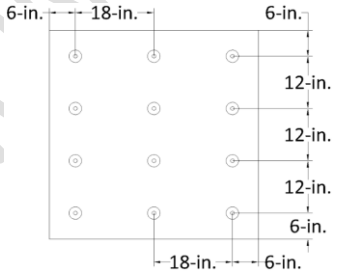
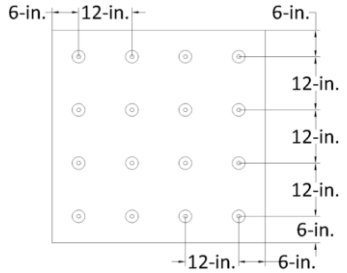
17 Unless otherwise noted, insulation or coverboard attachment patterns for Type B-1, Type B-2, Type C-1 and C-2 systems are as outlined below.

INSULATION ATTACHMENT PATTERNS – 4X4 FT BOARDS		
 **1 per 4.0 ft² (4 per board)**	 **1 per 3.2 ft² (5 per board)**	 **1 per 2.7 ft² (6 per board)**
 **1 per 2.0 ft² (8 per board)**	 **1 per 1.8 ft² (9 per board)**	 **1 per 1.6 ft² (10 per board)**
 **1 per 1.45 ft² (11 per board)**	 **1 per 1.3 ft² (12 per board)**	 **1 per 1.0 ft² (16 per board)**

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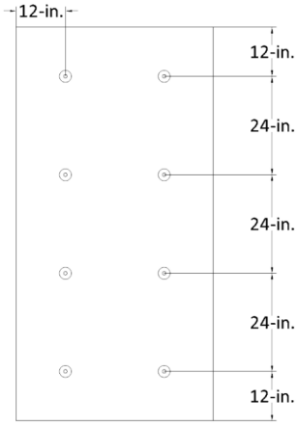
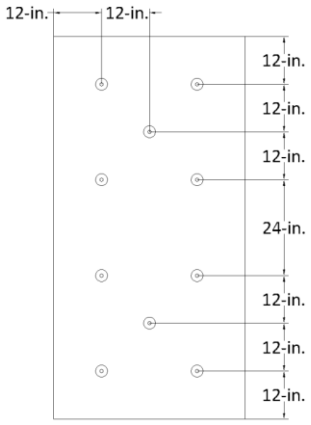
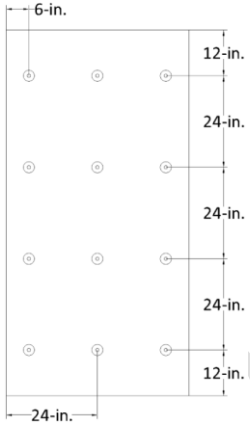
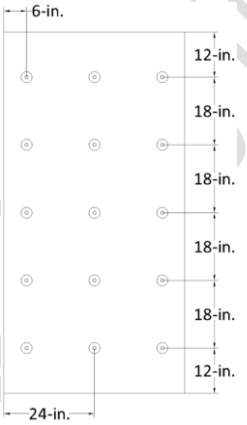
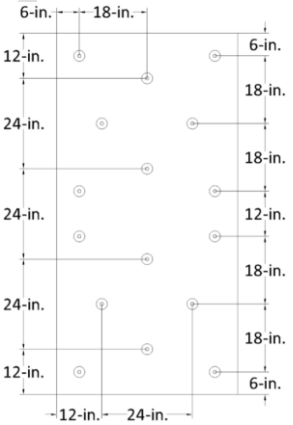
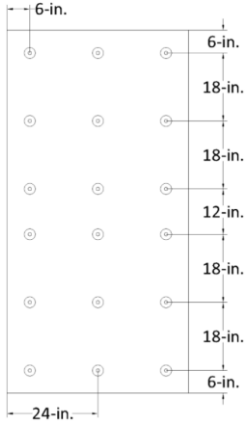
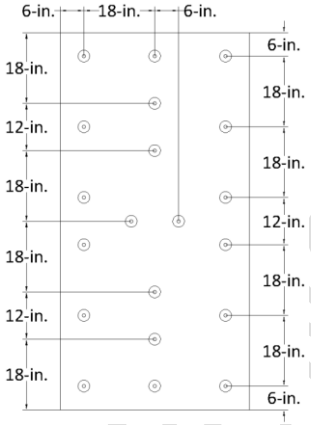
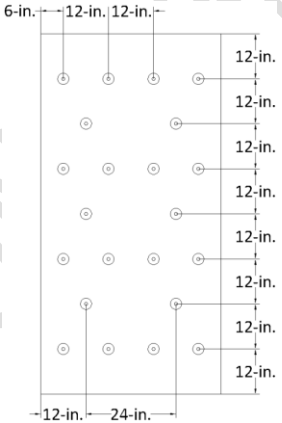
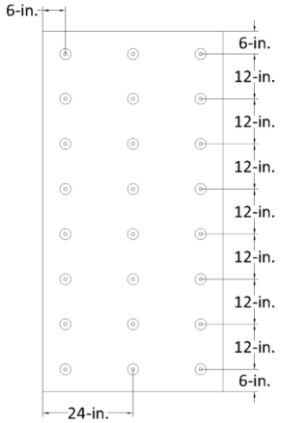
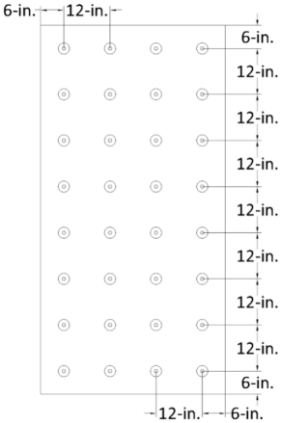
INSULATION ATTACHMENT PATTERNS – 4X8 FT BOARDS				
				
1 per 4.0 ft² (8 per board)	**1 per 3.2 ft² (10 per board)**	**1 per 2.7 ft² (12 per board)**	**1 per 2.13 ft² (15 per board)**	**1 per 2.0 ft² (16 per board)**
				
1 per 1.8 ft² (18 per board)	**1 per 1.6 ft² (20 per board)**	**1 per 1.45 ft² (22 per board)**	**1 per 1.3 ft² (24 per board)**	**1 per 1.0 ft² (32 per board)**

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18 The following products are interchangeable within the scope of this PEER:

Acceptable Alternates				
Sub-Category	By	Listed Product Herein	Alternate	
			Product	FBC File or NOA
Adhesives	Tremco CPG	Tremco Low Rise Foam Insulation Adhesive	Tremco Low Rise Green Foam Insulation Adhesive	N/A
			Millennium One Step Foamable Adhesive	FL1800
			Millennium One Step Green Foamable Adhesive	
		Tremco Low Rise Foam Insulation Adhesive (BG)	Millennium PG-1 Pump Grade Adhesive	
		Tremco LR Adhesive	Millennium PG-1 Pump Grade Adhesive	
Roofing Insulation	Tremco CPG	Trisotech G	ACFoam II	FL17989
		Trisotech CGF	ACFoam III	
		Trisotech	ENRGY 3	FL4205
	Georgia-Pacific Gypsum	DensDeck Prime	DensDeck StormX Prime Roof Board	FL1250
Roofing Fasteners	Tremco CPG	Tremco #12 DP Fastener	Trufast #12 DP	FL4500
		Tremco #14 HD Fastener	Trufast #14 HD	
		Tremco #15 EHD Fastener	Trufast #15 EHD	
		Tremco FM-90 Base Sheet Fastener	Trufast FM-90 Base Sheet Fastener	
		Tremco Twin Loc-Nail Assembled Fastener	Trufast Twin Loc-Nail Assembled Fastener	
		Tremco 2” Barbed Seam Plate	Trufast 2” Barbed Metal Seam Plate	
		Tremco 2.4” Barbed Seam Plate	Trufast 2.4” Scoop Seam Plate	
		Tremco 3” Metal Insulation Plate	Trufast 3” Metal Insulation Plate	
		Tremco #1211 Fastener	OMG #12 Standard	FL699
		Tremco #1410 Fastener	OMG #14 Heavy Duty	
		Tremco #1510 XHD Fastener	OMG XHD Fastener	
		Tremco Disc 3 in. Steel Stress Plate	OMG 3 in. Galvalume Steel Plate	
		Tremco Disc Ribbed 3 in. Steel Stress Plate	OMG 3 in. Ribbed Galvalume Plate	

19 “MDP” = Maximum Design Pressure is the result of testing for wind load resistance based on allowable wind loads. Refer to FBC or IBC 1609 for determination of design wind loads. (Notes 9 and 10)

2023 FBC NON-HVHZ & 2018 IBC

TABLE 1A: WOOD DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER
REFER TO NOTE 16 FOR VAPOR BARRIER OPTIONS

System No.	Deck (Note 1)	Base Insulation Layer		Top Insulation Layer		Roof Cover (Note 15)			MDP (psf)
		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
BURMASTIC ADHESIVE OR POWERPLY STANDARD COLD ADHESIVE APPLIED BASE PLY:									
W-1.	Min. 15/32-inch plywood at max. 24-inch span	Min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG)	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.5-inch Structodek HD with Primed Red Coating	LRFIA or LRFIA(BG)	BP-CA1 or SBS-CA1	(Optional) One or more BP-CA1, or SBS-CA1	BP-CA1 or SBS-CA1	-37.5*
W-2.	Min. 15/32-inch plywood at max. 24-inch span	Min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG)	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG)	BP-CA1 or SBS-CA1	(Optional) One or more BP-CA1, or SBS-CA1	BP-CA1 or SBS-CA1	-45.0*
W-3.	Min. 15/32-inch plywood at max. 24-inch span	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield	LRFIA or LRFIA(BG)	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 1-inch MonoBoard Plus or Min. 2-inch TopRock DD Plus (no extrapolation permitted for ribbon attachment)	Additional Layer(s): LRFIA or LRFIA(BG) Coverboard: LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA1 or SBS-CA1	(Optional) One or more BP-CA1 or SBS-CA1	BP-CA1 or SBS-CA1	-52.5*
W-4.	Min. 15/32-inch plywood at max. 24-inch span	Min. 2-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG)	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG)	BP-CA1 or SBS-CA1	None	BP-CA1 or SBS-CA1	-60.0*
W-5.	Min. 15/32-inch plywood at max. 24-inch span	Min. 2-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG)	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA1 or SBS-CA1	None	BP-CA1 or SBS-CA1	-75.0*
W-6.	Min. 15/32-inch plywood at max. 24-inch span	Min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 6-inch o.c.	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA1 or SBS-CA1	None	BP-CA1 or SBS-CA1	-75.0*
BURMASTIC ADHESIVE MC APPLIED BASE PLY:									
W-7.	Min. 15/32-inch plywood at max. 24-inch span	Min. 1.5-inch Trisotech G, Trisotech CGF, Trisotech, H-Shield, Multi-Max FA3 or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG)	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.125-inch TremBoard AC	LRFIA or LRFIA(BG)	BP-CA6 or SBS-CA6	(Optional) One or more BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6	BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6	-52.5

2023 FBC NON-HVHZ & 2024

TABLE 1A: WOOD DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER
REFER TO NOTE 15 FOR VAPOR BARRIER OPTIONS

System No.	Deck (Note 1)	Base Insulation Layer		Top Insulation Layer		Roof Cover (Note 15)			MDP (psf)
		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
W-8.	Min. 15/32-inch plywood at max. 24-inch span	(Optional) Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield	LRFIA or LRFIA(BG)	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.5-inch Structodek HD with Primed Red Coating, DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof BoardSECUROCK Cement Roof Board	Additional Layer(s): LRFIA or LRFIA(BG) Coverboard: LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA6 or SBS-CA6	(Optional) One or more BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6	BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6	-60.0
W-9.	Min. 15/32-inch plywood at max. 24-inch span	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield	LRFIA or LRFIA(BG)	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 1-inch MonoBoard Plus or Min. 2-inch TopRock DD Plus (no extrapolation permitted for ribbon attachment)	Additional Layer(s): LRFIA or LRFIA(BG) Coverboard: LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA6 or SBS-CA6	(Optional) One or more BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6	BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6	-60.0*
W-10.	Min. 15/32-inch plywood at max. 24-inch span	(Optional) Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield	LRFIA or LRFIA(BG)	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof BoardSECUROCK Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA6 or SBS-CA6	(Optional) One or more BP-CA6 or SBS-CA6	BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6	-67.5
W-11.	Min. 15/32-inch plywood at max. 24-inch span	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG)	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG)	BP-CA6 or SBS-CA6	(Optional) One or more BP-CA6 or SBS-CA6	BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6	-75.0
W-12.	Min. 15/32-inch plywood at max. 24-inch span	Min. 0.5-inch DensDeck Prime, Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board, Min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG)	None	N/A	BP-CA6 or SBS-CA6	(Optional) One or more BP-CA6 or SBS-CA6	BP-CA6 or SBS-CA6	-97.5
W-13.	Min. 15/32-inch plywood at max. 24-inch span	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield	LRFIA or LRFIA(BG)	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA6 or SBS-CA6	(Optional) One or more BP-CA6 or SBS-CA6	BP-CA6 or SBS-CA6	-97.5

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TABLE 1A: WOOD DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF) SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER REFER TO NOTE 16 FOR VAPOR BARRIER OPTIONS									
System No.	Deck (Note 1)	Base Insulation Layer		Top Insulation Layer		Roof Cover (Note 15)			MDP (psf)
		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
POWERPLY ENDURE BIO ADHESIVE TF APPLIED BASE PLY:									
W-14.	Min. 15/32-inch plywood at max. 24-inch span	Min. 1.5-inch Trisotech G, Trisotech CGF, Trisotech, H-Shield, Multi-Max FA3 or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG)	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.125-inch TremBoard AC	LRFIA or LRFIA(BG)	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-52.5
W-15.	Min. 15/32-inch plywood at max. 24-inch span	(Optional) Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield	LRFIA or LRFIA(BG)	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.5-inch Structodek HD with Primed Red Coating, DensDeck Prime or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	Additional Layer(s): LRFIA or LRFIA(BG) Coverboard: LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-60.0
W-16.	Min. 15/32-inch plywood at max. 24-inch span	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield	LRFIA or LRFIA(BG)	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 1-inch MonoBoard (no extrapolation permitted for ribbon attachment)	Additional Layer(s): LRFIA or LRFIA(BG) Coverboard: LRFIA or LRFIA(BG), 6-inch o.c.	SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-60.0*
W-17.	Min. 15/32-inch plywood at max. 24-inch span	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield	LRFIA or LRFIA(BG)	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 1-inch MonoBoard Plus or Min. 2-inch TopRock DD Plus (no extrapolation permitted for ribbon attachment)	Additional Layer(s): LRFIA or LRFIA(BG) Coverboard: LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-60.0*
W-18.	Min. 15/32-inch plywood at max. 24-inch span	(Optional) Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield	LRFIA or LRFIA(BG)	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-67.5

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TABLE 1A: WOOD DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER
REFER TO NOTE 16 FOR VAPOR BARRIER OPTIONS

System No.	Deck (Note 1)	Base Insulation Layer		Top Insulation Layer		Roof Cover (Note 15)			MDP (psf)
		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
W-19.	Min. 15/32-inch plywood at max. 24-inch span	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG)	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG)	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-75.0
W-20.	Min. 15/32-inch plywood at max. 24-inch span	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield	LRFIA or LRFIA(BG)	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.5-inch DensDeck Prime, Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board, Min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-97.5
W-21.	Min. 15/32-inch plywood at max. 24-inch span	Min. 0.5-inch DensDeck Prime, Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board, Min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG)	None	N/A	SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-112.5
HOT-ASPHALT-APPLIED BASE PLY:									
W-22.	Min. 15/32-inch plywood at max. 24-inch span	Min. 1.5-inch Trisotech G, Trisotech CGF, Trisotech, H-Shield, Multi-Max FA3 or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG)	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.125-inch TremBoard AC	LRFIA or LRFIA(BG)	BP-AA, SBS-AA	(Optional) One or more BP-AA, SBS-AA or APP-TA	BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA	-52.5
W-23.	Min. 15/32-inch plywood at max. 24-inch span	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield	LRFIA or LRFIA(BG)	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG)	BP-AA, SBS-AA	(Optional) One or more BP-AA, SBS-AA or APP-TA	BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA	-60.0
W-24.	Min. 15/32-inch plywood at max. 24-inch span	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield	LRFIA or LRFIA(BG)	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 1-inch MonoBoard Plus or Min. 2-inch TopRock DD Plus (no extrapolation permitted for ribbon attachment)	Additional Layer(s): LRFIA or LRFIA(BG) Coverboard: LRFIA or LRFIA(BG), 6-inch o.c.	BP-AA, SBS-AA	(Optional) One or more BP-AA, SBS-AA or APP-TA	BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA	-60.0*

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TABLE 1A: WOOD DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF) SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER REFER TO NOTE 16 FOR VAPOR BARRIER OPTIONS									
System No.	Deck (Note 1)	Base Insulation Layer		Top Insulation Layer		Roof Cover (Note 15)			MDP (psf)
		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
W-25.	Min. 15/32-inch plywood at max. 24-inch span	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG)	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG)	BP-AA, SBS-AA	(Optional) One or more BP-AA, SBS-AA or APP-TA	BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA	-75.0
W-26.	Min. 15/32-inch plywood at max. 24-inch span	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board, Min. 0.5-inch DensDeck Prime or Min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG)	None	N/A	BP-AA, SBS-AA	(Optional) One or more BP-AA, SBS-AA or APP-TA	BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA	-97.5
W-27.	Min. 15/32-inch plywood at max. 24-inch span	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield	LRFIA or LRFIA(BG)	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-AA, SBS-AA	(Optional) One or more BP-AA, SBS-AA or APP-TA	BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA	-97.5
W-28.	Min. 15/32-inch plywood at max. 24-inch span	Min. 1.5-inch Trisotech G, Trisotech CGF, Trisotech, H-Shield, Multi-Max FA3 or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG)	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.125-inch TremBoard AC	LRFIA or LRFIA(BG)	SBS-AA	(Optional) SBS-AA, SBS-TA	SBS-TA	-52.5
W-29.	Min. 15/32-inch plywood at max. 24-inch span	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield	LRFIA or LRFIA(BG)	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG)	SBS-AA	(Optional) SBS-AA, SBS-TA	SBS-TA	-60.0
W-30.	Min. 15/32-inch plywood at max. 24-inch span	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield	LRFIA or LRFIA(BG)	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 1-inch MonoBoard Plus or Min. 2-inch TopRock DD Plus (no extrapolation permitted for ribbon attachment)	Additional Layer(s): LRFIA or LRFIA(BG) Coverboard: LRFIA or LRFIA(BG), 6-inch o.c.	SBS-AA	(Optional) SBS-AA, SBS-TA	SBS-TA	-60.0*

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TABLE 1A: WOOD DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER
REFER TO NOTE 16 FOR VAPOR BARRIER OPTIONS

System No.	Deck (Note 1)	Base Insulation Layer		Top Insulation Layer		Roof Cover (Note 15)			MDP (psf)
		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
W-31.	Min. 15/32-inch plywood at max. 24-inch span	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG)	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG)	SBS-AA	(Optional) SBS-AA, SBS-TA	SBS-TA	-75.0
W-32.	Min. 15/32-inch plywood at max. 24-inch span	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board, Min. 0.5-inch DensDeck Prime or Min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG)	None	N/A	SBS-AA	(Optional) SBS-AA, SBS-TA	SBS-TA	-97.5
W-33.	Min. 15/32-inch plywood at max. 24-inch span	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield	LRFIA or LRFIA(BG)	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	SBS-AA	(Optional) SBS-AA, SBS-TA	SBS-TA	-97.5
SEBS-APPLIED BASE PLY:									
W-34.	Min. 15/32-inch plywood at max. 24-inch span	Min. 1.5-inch Trisotech G, Trisotech CGF, Trisotech, H-Shield, Multi-Max FA3 or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG)	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.125-inch TremBoard AC	LRFIA or LRFIA(BG)	BP-SEBS or SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-52.5
W-35.	Min. 15/32-inch plywood at max. 24-inch span	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield	LRFIA or LRFIA(BG)	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-SEBS or SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-60.0
W-36.	Min. 15/32-inch plywood at max. 24-inch span	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield	LRFIA or LRFIA(BG)	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 1-inch MonoBoard Plus or Min. 2-inch TopRock DD Plus (no extrapolation permitted for ribbon attachment)	Additional Layer(s): LRFIA or LRFIA(BG) Coverboard: LRFIA or LRFIA(BG), 6-inch o.c.	BP-SEBS or SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-60.0*

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TABLE 1A: WOOD DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER
REFER TO NOTE 16 FOR VAPOR BARRIER OPTIONS

System No.	Deck (Note 1)	Base Insulation Layer		Top Insulation Layer		Roof Cover (Note 15)			MDP (psf)
		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
W-37.	Min. 15/32-inch plywood at max. 24-inch span	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG)	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG)	BP-SEBS or SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-75.0
W-38.	Min. 15/32-inch plywood at max. 24-inch span	Min. 0.5-inch DensDeck Prime	LRFIA or LRFIA(BG)	None	N/A	BP-SEBS or SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-97.5
W-39.	Min. 15/32-inch plywood at max. 24-inch span	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield	LRFIA or LRFIA(BG)	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-SEBS or SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-97.5
W-40.	Min. 15/32-inch plywood at max. 24-inch span	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG)	None	N/A	BP-SEBS or SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-112.5
TORCH-APPLIED BASE PLY:									
W-41.	Min. 15/32-inch plywood at max. 24-inch span	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield	LRFIA or LRFIA(BG)	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG)	APP-TA, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA	-60.0
W-42.	Min. 15/32-inch plywood at max. 24-inch span	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield	LRFIA or LRFIA(BG)	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 1-inch MonoBoard Plus or Min. 2-inch TopRock DD Plus (no extrapolation permitted for ribbon attachment)	Additional Layer(s): LRFIA or LRFIA(BG) Coverboard: LRFIA or LRFIA(BG), 6-inch o.c.	SBS-TA	(Optional) SBS-TA	SBS-TA	-60.0*

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TABLE 1A: WOOD DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF) SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER REFER TO NOTE 15 FOR VAPOR BARRIER OPTIONS									
System No.	Deck (Note 1)	Base Insulation Layer		Top Insulation Layer		Roof Cover (Note 15)			MDP (psf)
		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
W-43.	Min. 15/32-inch plywood at max. 24-inch span	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG)	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG)	APP-TA, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA	-75.0
W-44.	Min. 15/32-inch plywood at max. 24-inch span	Min. 0.5-inch DensDeck Prime	LRFIA or LRFIA(BG)	None	N/A	APP-TA	(Optional) APP-TA	APP-TA	-97.5
W-45.	Min. 15/32-inch plywood at max. 24-inch span	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield	LRFIA or LRFIA(BG)	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	APP-TA, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA	-97.5
W-46.	Min. 15/32-inch plywood at max. 24-inch span	Min. 0.5-inch DensDeck Prime	LRFIA or LRFIA(BG)	None	N/A	SBS-TA	(Optional) SBS-TA	SBS-TA	-112.5
W-47.	Min. 15/32-inch plywood at max. 24-inch span	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG)	None	N/A	POWERply Standard Smooth HW	(Optional) SBS-TA	SBS-TA	-112.5
W-48.	Min. 15/32-inch plywood at max. 24-inch span	Min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG)	None	N/A	APP-TA	(Optional) APP-TA	APP-TA	-112.5
W-49.	Min. 15/32-inch plywood at max. 24-inch span	Min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG)	None	N/A	SBS-TA	(Optional) SBS-TA	SBS-TA	-112.5

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TABLE 1B: WOOD DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER

System No.	Deck (Note 1)	Base Insulation Layer			Top Insulation Layer (s)		Roof Cover (Note 15)			MDP (psf)
		Type	Fastener (Note 11)	Attach (Note 17)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
BURMASTIC ADHESIVE OR POWERPLY STANDARD COLD AHESIVE APPLIED BASE PLY:										
W-50.	Min. 19/32-inch CDX plywood; 24" span	2-inch Trisotech G, Trisotech CGF, Trisotech, EnergyGuard Polyiso Insulation, Elevate ISOGARD GL, Elevate ISOGARD CG, Multi-Max FA3	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate	1 per 2.0 ft²	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG)	BP-CA1 or SBS-CA1	(Optional) One or more BP-CA1 or SBS-CA1	BP-CA1 or SBS-CA1	-52.5
W-51.	Min. 19/32-inch CDX plywood; 24" span	2-inch Trisotech G, Trisotech CGF, Trisotech, EnergyGuard Polyiso Insulation, Elevate ISOGARD GL, Elevate ISOGARD CG, Multi-Max FA3	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate	1 per 2.0 ft²	Additional Insulation Layer(s): (Optional) Min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 1-inch MonoBoard Plus (no extrapolation permitted for ribbon attachment)	Additional Layer(s): LRFIA or LRFIA(BG) Coverboard: LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA1 or SBS-CA1	(Optional) One or more BP-CA1 or SBS-CA1	BP-CA1 or SBS-CA1	-52.5*
BURMASTIC ADHESIVE MC APPLIED BASE PLY:										
W-52.	Min. 19/32-inch CDX plywood; 24" span	2-inch Trisotech G, Trisotech CGF, Trisotech, EnergyGuard Polyiso Insulation, Elevate ISOGARD GL, Elevate ISOGARD CG, Multi-Max FA3	Tremco #15 EHD with Tremco 3" Metal Insulation Plate or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate	1 per 2.0 ft²	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.125-inch TremBoard AC	LRFIA or LRFIA(BG)	BP-CA6 or SBS-CA6	(Optional) One or more BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6	BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6	-52.5
W-53.	Min. 19/32-inch CDX plywood; 24" span	2-inch Trisotech G, Trisotech CGF, Trisotech, EnergyGuard Polyiso Insulation, Elevate ISOGARD GL, Elevate ISOGARD CG, Multi-Max FA3	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate	1 per 2.0 ft²	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG)	BP-CA6 or SBS-CA6	(Optional) One or more BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6	BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6	-60.0

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TABLE 1B: WOOD DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER										
System No.	Deck (Note 1)	Base Insulation Layer			Top Insulation Layer (s)		Roof Cover (Note 15)			MDP (psf)
		Type	Fastener (Note 11)	Attach (Note 17)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
W-54.	Min. 19/32-inch CDX plywood; 24" span	2-inch Trisotech G, Trisotech CGF, Trisotech, EnergyGuard Polyiso Insulation, Elevate ISOGARD GL, Elevate ISOGARD CG, Multi-Max FA3	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate	1 per 2.0 ft²	Additional Insulation Layer(s): (Optional) Min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 1-inch MonoBoard Plus (no extrapolation permitted for ribbon attachment)	Additional Layer(s): LRFIA or LRFIA(BG) Coverboard: LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA6 or SBS-CA6	(Optional) One or more BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6	BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6	-60.0*
W-55.	Min. 19/32-inch CDX plywood; 24" span	2-inch Trisotech G, Trisotech CGF, Trisotech, EnergyGuard Polyiso Insulation, Elevate ISOGARD GL, Elevate ISOGARD CG, Multi-Max FA3	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate	1 per 1.0 ft²	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA6 or SBS-CA6	(Optional) One or more BP-CA6 or SBS-CA6	BP-CA6 or SBS-CA6	-82.5
POWERPLY ENDURE BIO ADHESIVE TF APPLIED BASE PLY:										
W-56.	Min. 15/32-inch CDX plywood; 24" span	Min. 1.5-inch Trisotech or Trisotech G	Note 2 (min. #14 fasteners only)	1 per 2.0 ft²	Additional Insulation Layer(s): (Optional) Min. 1.5-inch base insulation Coverboard: Min. 0.125-inch TremBoard AC, min. 0.25-inch DenDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch Structodek HD with Primed Red Coating	LRFIA or LRFIA(BG)	POWERply Endure 100, 200, 300 or 320 Smooth in POWERply Endur BIO Adhesive TF	(Optional) POWERply Endure 100, 200, 300 or 320 Smooth in POWERply Endur BIO Adhesive TF	POWERply Endure 100, 200, 300 or 320 FR in POWERply Endur BIO Adhesive TF	-45.0
W-57.	Min. 19/32-inch CDX plywood; 24" span	2-inch Trisotech G, Trisotech CGF, Trisotech, EnergyGuard Polyiso Insulation, Elevate ISOGARD GL, Elevate ISOGARD CG, Multi-Max FA3	Tremco #15 EHD with Tremco 3" Metal Insulation Plate or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate	1 per 2.0 ft²	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.125-inch TremBoard AC	LRFIA or LRFIA(BG)	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-52.5

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TABLE 1B: WOOD DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER

System No.	Deck (Note 1)	Base Insulation Layer			Top Insulation Layer (s)		Roof Cover (Note 15)			MDP (psf)
		Type	Fastener (Note 11)	Attach (Note 17)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
W-58.	Min. 19/32-inch CDX plywood; 24" span	2-inch Trisotech G, Trisotech CGF, Trisotech, EnergyGuard Polyiso Insulation, Elevate ISOGARD GL, Elevate ISOGARD CG, Multi-Max FA3	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate	1 per 2.0 ft²	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG)	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-60.0
W-59.	Min. 19/32-inch CDX plywood; 24" span	2-inch Trisotech G, Trisotech CGF, Trisotech, EnergyGuard Polyiso Insulation, Elevate ISOGARD GL, Elevate ISOGARD CG, Multi-Max FA3	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate	1 per 2.0 ft²	Additional Insulation Layer(s): (Optional) Min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 1-inch MonoBoard (no extrapolation permitted for ribbon attachment)	Additional Layer(s): LRFIA or LRFIA(BG) Coverboard: LRFIA or LRFIA(BG), 6-inch o.c.	SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-60.0*
W-60.	Min. 19/32-inch CDX plywood; 24" span	2-inch Trisotech G, Trisotech CGF, Trisotech, EnergyGuard Polyiso Insulation, Elevate ISOGARD GL, Elevate ISOGARD CG, Multi-Max FA3	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate	1 per 2.0 ft²	Additional Insulation Layer(s): (Optional) Min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 1-inch MonoBoard Plus (no extrapolation permitted for ribbon attachment)	Additional Layer(s): LRFIA or LRFIA(BG) Coverboard: LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-60.0*
W-61.	Min. 19/32-inch CDX plywood; 24" span	2-inch Trisotech G, Trisotech CGF, Trisotech, EnergyGuard Polyiso Insulation, Elevate ISOGARD GL, Elevate ISOGARD CG, Multi-Max FA3	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate	1 per 1.0 ft²	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-82.5
HOT-ASPHALT-APPLIED BASE PLY:										

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TABLE 1B: WOOD DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER										
System No.	Deck (Note 1)	Base Insulation Layer			Top Insulation Layer (s)		Roof Cover (Note 15)			MDP (psf)
		Type	Fastener (Note 11)	Attach (Note 17)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
W-62.	Min. 19/32-inch CDX plywood; 24" span	2-inch Trisotech G, Trisotech CGF, Trisotech, EnergyGuard Polyiso Insulation, Elevate ISOGARD GL, Elevate ISOGARD CG, Multi-Max FA3	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate	1 per 2.0 ft²	Additional Insulation Layer(s): (Optional) Min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 1-inch MonoBoard Plus (no extrapolation permitted for ribbon attachment)	Additional Layer(s): LRFIA or LRFIA(BG) Coverboard: LRFIA or LRFIA(BG), 6-inch o.c.	BP-AA, SBS-AA	(Optional) One or more BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA	BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA	-60.0*
W-63.	Min. 15/32-inch CDX plywood; 24" span	Min. 1.5-inch Trisotech or Trisotech G	Note 2 (min. #14 fasteners only)	1 per 2.0 ft²	Additional Insulation Layer(s): (Optional) Min. 1.5-inch base insulation Coverboard: Min. 0.125-inch TremBoard AC or min. 0.25-inch DenDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. . 0.5-inch Structodek HD with Primed Red Coating	Hot asphalt	BP-AA, SBS-AA	(Optional) One or more BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA	BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA	-60.0
W-64.	Min. 15/32-inch CDX plywood; 24" span	Min. 1.5-inch Trisotech or Trisotech G	Note 2 (min. #14 fasteners only)	1 per 2.0 ft²	Additional Insulation Layer(s): (Optional) Min. 1.5-inch base insulation Coverboard: Min. 1-inch MonoBoard Plus	Hot asphalt	BP-AA, SBS-AA	(Optional) One or more BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA	BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA	-60.0*
SEBS-APPLIED BASE PLY:										
W-65.	Min. 19/32-inch CDX plywood; 24" span	2-inch Trisotech G, Trisotech CGF, Trisotech, EnergyGuard Polyiso Insulation, Elevate ISOGARD GL, Elevate ISOGARD CG, Multi-Max FA3	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate	1 per 2.0 ft²	Additional Insulation Layer(s): (Optional) Min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 1-inch MonoBoard Plus (no extrapolation permitted for ribbon attachment)	Additional Layer(s): LRFIA or LRFIA(BG) Coverboard: LRFIA or LRFIA(BG), 6-inch o.c.	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-60.0*

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TABLE 1B: WOOD DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER										
System No.	Deck (Note 1)	Base Insulation Layer			Top Insulation Layer (s)		Roof Cover (Note 15)			MDP (psf)
		Type	Fastener (Note 11)	Attach (Note 17)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
W-66.	Min. 15/32-inch CDX plywood; 24" span	Min. 1.5-inch Trisotech or Trisotech G	Note 2 (min. #14 fasteners only)	1 per 2.0 ft²	Additional Insulation Layer(s): (Optional) Min. 1.5-inch base insulation Coverboard: Min. 0.125-inch TremBoard AC or min. 0.25-inch DenDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. . 0.5-inch Structodek HD with Primed Red Coating	Hot asphalt	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-60.0
W-67.	Min. 15/32-inch CDX plywood; 24" span	Min. 1.5-inch Trisotech or Trisotech G	Note 2 (min. #14 fasteners only)	1 per 2.0 ft²	Additional Insulation Layer(s): (Optional) Min. 1.5-inch base insulation Coverboard: Min. 1-inch MonoBoard Plus	Hot asphalt	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-60.0*
TORCH-APPLIED BASE PLY:										
W-68.	Min. 15/32-inch CDX plywood; 24" span	Min. 1.5-inch Trisotech or Trisotech G	Note 2 (min. #14 fasteners only)	1 per 2.0 ft²	Additional Insulation Layer(s): (Optional) Min. 1.5-inch base insulation Coverboard: Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG)	APP-TA, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA	-45.0
W-69.	Min. 19/32-inch CDX plywood; 24" span	2-inch Trisotech G, Trisotech CGF, Trisotech, EnergyGuard Polyiso Insulation, Elevate ISOGARD GL, Elevate ISOGARD CG, Multi-Max FA3	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate	1 per 2.0 ft²	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG)	APP-TA, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA	-60.0
W-70.	Min. 19/32-inch CDX plywood; 24" span	2-inch Trisotech G, Trisotech CGF, Trisotech, EnergyGuard Polyiso Insulation, Elevate ISOGARD GL, Elevate ISOGARD CG, Multi-Max FA3	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate	1 per 1.0 ft²	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	APP-TA, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA	-82.5

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TABLE 1c: WOOD DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF)
SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED TOP INSULATION, BONDED ROOF COVER

System No.	Deck (Note 1)	Thermal Barrier			Vapor Barrier (Note 15)	Insulation Layer(s)		Roof Cover (Note 15)			MDP (psf)
		Type	Fastener (Note 11)	Attach (Note 17)		Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
BURMASTIC ADHESIVE OR POWERPLY STANDARD COLD ADHESIVE APPLIED BASE PLY:											
W-71.	Min. 15/32-inch CDX plywood; 24" span	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate, Dekfast DF-#14-PH3 with Dekfast PLT-R-3, Tremco #1410 Fastener with Tremco Disc 3 in. Steel Stress Plate or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft²	Base Ply: One or two plies,BP-CA5 or SBS-CA5	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG or UltraMax Coverboard: Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board	LRFIA or LRFIA(BG)	BP-CA1 or SBS-CA1	(Optional) One or more BP-CA1, or SBS-CA1	BP-CA1 or SBS-CA1	-45.0*
W-72.	Min. 15/32-inch CDX plywood; 24" span	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate, Dekfast DF-#14-PH3 with Dekfast PLT-R-3, Tremco #1410 Fastener with Tremco Disc 3 in. Steel Stress Plate or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft²	AVC Primer followed by AVC or AVC Primer or AVC Primer (WB) followed by AVC Max	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG or UltraMax Coverboard: Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board	LRFIA or LRFIA(BG)	BP-CA1 or SBS-CA1	(Optional) One or more BP-CA1, or SBS-CA1	BP-CA1 or SBS-CA1	-45.0*
W-73.	Min. 15/32-inch CDX plywood; 24" span	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate, Dekfast DF-#14-PH3 with Dekfast PLT-R-3, Tremco #1410 Fastener with Tremco Disc 3 in. Steel Stress Plate or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.3 ft²	Base Ply: One or two plies,BP-CA5 or SBS-CA5	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG or UltraMax Coverboard: Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA1 or SBS-CA1	None	BP-CA1 or SBS-CA1	-75.0*
BURMASTIC ADHESIVE MC APPLIED BASE PLY:											
W-74.	Min. 15/32-inch CDX plywood; 24" span	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate, Dekfast DF-#14-PH3 with Dekfast PLT-R-3, Tremco #1410 Fastener with Tremco Disc 3 in. Steel Stress Plate or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft²	Base Ply: One or two plies,BP-CA5 or SBS-CA5	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG)	BP-CA6 or SBS-CA6	(Optional) One or more BP-CA6 or SBS-CA6	BP-CA6 or SBS-CA6	-45.0*
W-75.	Min. 15/32-inch CDX plywood; 24" span	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate, Dekfast DF-#14-PH3 with Dekfast PLT-R-3, Tremco #1410 Fastener with Tremco Disc 3 in. Steel Stress Plate or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft²	AVC Primer followed by AVC or AVC Primer or AVC Primer (WB) followed by AVC Max	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG)	BP-CA6 or SBS-CA6	(Optional) One or more BP-CA6 or SBS-CA6	BP-CA6 or SBS-CA6	-45.0*

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TABLE 1c: WOOD DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF)
SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED TOP INSULATION, BONDED ROOF COVER

System No.	Deck (Note 1)	Thermal Barrier			Vapor Barrier (Note 15)	Insulation Layer(s)		Roof Cover (Note 15)			MDP (psf)
		Type	Fastener (Note 11)	Attach (Note 17)		Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
W-76.	Min. 15/32-inch CDX plywood; 24" span	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate, Dekfast DF-#14-PH3 with Dekfast PLT-R-3, Tremco #1410 Fastener with Tremco Disc 3 in. Steel Stress Plate or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.3 ft²	Base Ply: One or two plies,BP-CA5 or SBS-CA5	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA6 or SBS-CA6	(Optional) One or more BP-CA6 or SBS-CA6	BP-CA6 or SBS-CA6	-90.0
POWERPLY ENDURE BIO ADHESIVE TF APPLIED BASE PLY:											
W-77.	Min. 15/32-inch CDX plywood; 24" span	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate, Dekfast DF-#14-PH3 with Dekfast PLT-R-3, Tremco #1410 Fastener with Tremco Disc 3 in. Steel Stress Plate or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft²	Base Ply: One or two plies,BP-CA5 or SBS-CA5	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG)	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-45.0*
W-78.	Min. 15/32-inch CDX plywood; 24" span	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate, Dekfast DF-#14-PH3 with Dekfast PLT-R-3, Tremco #1410 Fastener with Tremco Disc 3 in. Steel Stress Plate or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft²	AVC Primer followed by AVC or AVC Primer or AVC Primer (WB) followed by AVC Max	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG)	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-45.0*
W-79.	Min. 15/32-inch CDX plywood; 24" span	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate, Dekfast DF-#14-PH3 with Dekfast PLT-R-3, Tremco #1410 Fastener with Tremco Disc 3 in. Steel Stress Plate or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.3 ft²	Base Ply: One or two plies,BP-CA5 or SBS-CA5	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-90.0

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TABLE 1D: WOOD DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE B-3: MECHANICALLY ATTACHED ANCHOR SHEET, BONDED INSULATION, BONDED ROOF COVER

System No.	Deck (Note 1)	Anchor Sheet			Vapor Barrier (Note 15)	Base Insulation		Top Insulation		Roof Cover (Note 15)			MDP (psf)
		Type	Fasten (Note 11)	Attach		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
BURMASTIC ADHESIVE MC APPLIED BASE PLY:													
W-80.	Min. 15/32-inch CDX plywood; 24" span	BURmastic Glass Ply, BURmastic Glass Ply – 28 lb, BURmastic Composite Ply HT, BURmastic Composite Ply Premium or BURmastic Composite Ply HT Green	12 ga. x 3/8-inch head diameter annular ring shank roofing nails* through 32 ga. x 1-5/8-inch dia. tin caps	9-inch o.c. at 2-inch laps and 9-inch o.c. at three (3), equally spaced, staggered center rows	SBS-CA6, SBS-AA, SBS-SEBS or SBS-TA	Min. 1-inch Trisotech G, Trisotech CGF, Trisotech, EnergyGuard Polyiso Insulation, H-Shield, Elevate ISOGARD GL, Multi-Max FA3	LRFIA or LRFIA(BG)	Min. 1/8-inch TremBoard AC or min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG)	BP-CA6 or SBS-CA6	(Optional) One or more BP-CA6 or SBS-CA6	BP-CA6 or SBS-CA6	-45.0
W-81.	Min. 7/16-inch APA rated OSB at max. 24" span & blocked 48" o.c.; #10 screws, 6" o.c.	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Trufast Versa Fastener & Plate; 2 screws per plate installed 180° into the holes of the plate*	6-inch o.c. at 4-inch lap and 6-inch o.c. at three (3), equally spaced, staggered center rows	SBS-CA6, SBS-AA, SBS-SEBS or SBS-TA	Min. 1-inch Trisotech G, Trisotech CGF, Trisotech, EnergyGuard Polyiso Insulation, H-Shield, Elevate ISOGARD GL, Multi-Max FA3	LRFIA or LRFIA(BG), 6-inch o.c.	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA6 or SBS-CA6	(Optional) One or more BP-CA6 or SBS-CA6	BP-CA6 or SBS-CA6	-97.5
	Note:	**Versa Fastener screws shall be of sufficient length for min. 1-inch penetration through the sheathing. For existing decks, field withdrawal resistance testing (Note 11) shall yield minimum 85 lbf.*											
POWERPLY ENDURE BIO ADHESIVE TF APPLIED BASE PLY:													
W-82.	Min. 15/32-inch CDX plywood; 24" span	BURmastic Glass Ply, BURmastic Glass Ply – 28 lb, BURmastic Composite Ply HT, BURmastic Composite Ply Premium or BURmastic Composite Ply HT Green	12 ga. x 3/8-inch head diameter annular ring shank roofing nails* through 32 ga. x 1-5/8-inch dia. tin caps	9-inch o.c. at 2-inch laps and 9-inch o.c. at three (3), equally spaced, staggered center rows	SBS-CA5 or SBS-TA	Min. 1-inch Trisotech G, Trisotech CGF, Trisotech, EnergyGuard Polyiso Insulation, H-Shield, Elevate ISOGARD GL, Multi-Max FA3	LRFIA or LRFIA(BG)	Min. 1/8-inch TremBoard AC or min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG)	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-45.0
W-83.	Min. 7/16-inch APA rated OSB at max. 24" span & blocked 48" o.c.; #10 screws, 6" o.c.	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Trufast Versa Fastener & Plate; 2 screws per plate installed 180° into the holes of the plate*	6-inch o.c. at 4-inch lap and 6-inch o.c. at three (3), equally spaced, staggered center rows	SBS-CA5 or SBS-TA	Min. 1-inch Trisotech G, Trisotech CGF, Trisotech, EnergyGuard Polyiso Insulation, H-Shield, Elevate ISOGARD GL, Multi-Max FA3	LRFIA or LRFIA(BG), 6-inch o.c.	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-127.5
	Note:	**Versa Fastener screws shall be of sufficient length for min. 1-inch penetration through the sheathing. For existing decks, field withdrawal resistance testing (Note 11) shall yield minimum 85 lbf.*											

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TABLE 1D: WOOD DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE B-3: MECHANICALLY ATTACHED ANCHOR SHEET, BONDED INSULATION, BONDED ROOF COVER

System No.	Deck (Note 1)	Anchor Sheet			Vapor Barrier (Note 15)	Base Insulation		Top Insulation		Roof Cover (Note 15)			MDP (psf)
		Type	Fasten (Note 11)	Attach		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
SEBS-APPLIED BASE PLY:													
W-84.	Min. 15/32-inch CDX plywood; 24" span	BURmastic Glass Ply, BURmastic Glass Ply – 28 lb, BURmastic Composite Ply HT, BURmastic Composite Ply Premium or BURmastic Composite Ply HT Green	12 ga. x 3/8-inch head diameter annular ring shank roofing nails* through 32 ga. x 1-5/8-inch dia. tin caps	9-inch o.c. at 2-inch laps and 9-inch o.c. at three (3), equally spaced, staggered center rows	SBS-CA6, SBS-AA, SBS-SEBS or SBS-TA	Min. 1-inch Trisotech G, Trisotech CGF, Trisotech, EnergyGuard Polyiso Insulation, H-Shield, Elevate ISOGARD GL, Multi-Max FA3	LRFIA or LRFIA(BG)	Min. 1/8-inch TremBoard AC or min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG)	BP-SEBS or SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-45.0
W-85.	Min. 7/16-inch APA rated OSB at max. 24" span & blocked 48" o.c.; #10 screws, 6" o.c.	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Trufast Versa Fastener & Plate; 2 screws per plate installed 180° into the holes of the plate*	6-inch o.c. at 4-inch lap and 6-inch o.c. at three (3), equally spaced, staggered center rows	SBS-AA, SBS-SEBS or SBS-TA	Min. 1-inch Trisotech G, Trisotech CGF, Trisotech, EnergyGuard Polyiso Insulation, H-Shield, Elevate ISOGARD GL, Multi-Max FA3	LRFIA or LRFIA(BG), 6-inch o.c.	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-SEBS or SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-127.5
	Note:	**Versa Fastener screws shall be of sufficient length for min. 1-inch penetration through the sheathing. For existing decks, field withdrawal resistance testing (Note 11) shall yield minimum 85 lbf.*											
TORCH-APPLIED BASE PLY:													
W-86.	Min. 15/32-inch CDX plywood; 24" span	BURmastic Glass Ply, BURmastic Glass Ply – 28 lb, BURmastic Composite Ply HT, BURmastic Composite Ply Premium or BURmastic Composite Ply HT Green	12 ga. x 3/8-inch head diameter annular ring shank roofing nails* through 32 ga. x 1-5/8-inch dia. tin caps	9-inch o.c. at 2-inch laps and 9-inch o.c. at three (3), equally spaced, staggered center rows	SBS-CA6, SBS-AA, SBS-SEBS or SBS-TA	Min. 1-inch Trisotech G, Trisotech CGF, Trisotech, EnergyGuard Polyiso Insulation, H-Shield, Elevate ISOGARD GL, Multi-Max FA3	LRFIA or LRFIA(BG)	Min. 1/8-inch TremBoard AC or min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG)	SBS-TA	(Optional) SBS-TA	SBS-TA	-45.0
W-87.	Min. 7/16-inch APA rated OSB at max. 24" span & blocked 48" o.c.; #10 screws, 6" o.c.	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Trufast Versa Fastener & Plate; 2 screws per plate installed 180° into the holes of the plate*	6-inch o.c. at 4-inch lap and 6-inch o.c. at three (3), equally spaced, staggered center rows	SBS-AA, SBS-SEBS or SBS-TA	Min. 1-inch Trisotech G, Trisotech CGF, Trisotech, EnergyGuard Polyiso Insulation, H-Shield, Elevate ISOGARD GL, Multi-Max FA3	LRFIA or LRFIA(BG), 6-inch o.c.	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	SBS-TA	(Optional) SBS-TA	SBS-TA	-127.5
	Note:	**Versa Fastener screws shall be of sufficient length for min. 1-inch penetration through the sheathing. For existing decks, field withdrawal resistance testing (Note 11) shall yield minimum 85 lbf.*											

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TABLE 1E: WOOD DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER

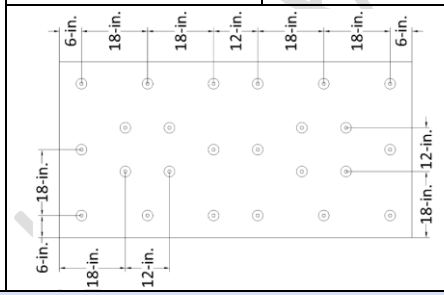
System No.	Deck (Note 1)	Base Insulation (Note 3, Note 13)	Top Insulation			Roof Cover (Note 15)			MDP (psf)
			Type	Fastener (Note 11)	Attach (Note 17)	Base Ply	Ply	Cap Ply	
BURMASTIC ADHESIVE OR POWERPLY STANDARD COLD ADHESIVE APPLIED BASE PLY:									
W-88.	Min. 15/32-inch CDX plywood at max. 24-inch span	(Optional) One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fibre Roof Board or Structodek HD with Primed Red Coating	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft²	BP-CA1 or SBS-CA1	(Optional) One or more BP-CA1 or SBS-CA1	BP-CA1 or SBS-CA1	-37.5*
W-89.	Min. 15/32-inch CDX plywood at max. 24-inch span	(Optional) One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fibre Roof Board or Structodek HD with Primed Red Coating	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate 	1 per 1.3 ft²	BP-CA1 or SBS-CA1	(Optional) One or more BP-CA1 or SBS-CA1	BP-CA1 or SBS-CA1	-45.0
BURMASTIC ADHESIVE MC APPLIED BASE PLY:									
W-90.	Min. 15/32-inch plywood or min. 7/16-inch OSB at max. 24-inch span	One or more layers, any combination, min. 1-inch total thickness, loose laid	Min. 1/8-inch TremBoard AC	Trufast Versa Fastener & Plate; 4 screws per plate installed in square pattern*	1 per 4.0 ft² (8 per 4x8 ft board)	BP-CA6 or SBS-CA6	(Optional) One or more BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6	BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6	-30.0*
	Note:	**Versa Fastener screws shall be of sufficient length for min. 1-inch penetration through the sheathing. For existing decks, field withdrawal resistance testing (Note 11) shall yield minimum 240 lbf.*							
W-91.	Min. 15/32-inch plywood or min. 7/16-inch OSB at max. 24-inch span	One or more layers, any combination, min. 1-inch total thickness, loose laid	Min. ¼-inch TremBoard AC or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Trufast Versa Fastener & Plate; 4 screws per plate installed in square pattern*	1 per 4.0 ft² (8 per 4x8 ft board)	BP-CA6 or SBS-CA6	(Optional) One or more BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6	BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6	-37.5*
	Note:	**Versa Fastener screws shall be of sufficient length for min. 1-inch penetration through the sheathing. For existing decks, field withdrawal resistance testing (Note 11) shall yield minimum 300 lbf.*							
W-92.	Min. 15/32-inch plywood or min. 7/16-inch OSB at max. 24-inch span	(Optional) One or more layers, any combination, min. 1-inch total thickness, loose laid	Min. 1/8-inch TremBoard AC or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Trufast Versa Fastener & Plate; 2 screws per plate installed 180° into the holes of the plate*	1 per 2.9 ft² (11 per 4x8 ft board)	BP-CA6 or SBS-CA6	(Optional) One or more BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6	BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6	-37.5*
	Note:	**Versa Fastener screws shall be of sufficient length for min. 1-inch penetration through the sheathing. For existing decks, field withdrawal resistance testing (Note 11) shall yield minimum 218 lbf.*							
W-93.	Min. 15/32-inch plywood or min. 7/16-inch OSB at max. 24-inch span	(Optional) One or more layers, any combination, min. 1-inch total thickness, loose laid	Min. 1/8-inch TremBoard AC or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Trufast Versa Fastener & Plate; 2 screws per plate installed 180° into the holes of the plate*	1 per 2.13 ft² (15 per 4x8 ft board)	BP-CA6 or SBS-CA6	(Optional) One or more BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6	BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6	-45.0*
	Note:	**Versa Fastener screws shall be of sufficient length for min. 1-inch penetration through the sheathing. For existing decks, field withdrawal resistance testing (Note 11) shall yield minimum 192 lbf.*							

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TABLE 1E: WOOD DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER

System No.	Deck (Note 1)	Base Insulation (Note 3, Note 13)	Top Insulation			Roof Cover (Note 15)			MDP (psf)
			Type	Fastener (Note 11)	Attach (Note 17)	Base Ply	Ply	Cap Ply	
POWERPLY ENDURE BIO ADHESIVE TF APPLIED BASE PLY:									
W-94.	Min. 15/32-inch plywood or min. 7/16-inch OSB at max. 24-inch span	One or more layers, any combination, min. 1-inch total thickness, loose laid	Min. 1/8-inch TremBoard AC	Trufast Versa Fastener & Plate; 4 screws per plate installed in square pattern*	1 per 4.0 ft² (8 per 4x8 ft board)	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-30.0*
	Note:	**Versa Fastener screws shall be of sufficient length for min. 1-inch penetration through the sheathing. For existing decks, field withdrawal resistance testing (Note 11) shall yield minimum 240 lbf.*							
W-95.	Min. 15/32-inch plywood or min. 7/16-inch OSB at max. 24-inch span	One or more layers, any combination, min. 1-inch total thickness, loose laid	Min. ¼-inch TremBoard AC or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Trufast Versa Fastener & Plate; 4 screws per plate installed in square pattern*	1 per 4.0 ft² (8 per 4x8 ft board)	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-37.5*
	Note:	**Versa Fastener screws shall be of sufficient length for min. 1-inch penetration through the sheathing. For existing decks, field withdrawal resistance testing (Note 11) shall yield minimum 300 lbf.*							
W-96.	Min. 15/32-inch plywood or min. 7/16-inch OSB at max. 24-inch span	(Optional) One or more layers, any combination, min. 1-inch total thickness, loose laid	Min. 1/8-inch TremBoard AC or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Trufast Versa Fastener & Plate; 2 screws per plate installed 180° into the holes of the plate*	1 per 2.9 ft² (11 per 4x8 ft board)	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-37.5*
	Note:	**Versa Fastener screws shall be of sufficient length for min. 1-inch penetration through the sheathing. For existing decks, field withdrawal resistance testing (Note 11) shall yield minimum 218 lbf.*							
W-97.	Min. 15/32-inch plywood or min. 7/16-inch OSB at max. 24-inch span	(Optional) One or more layers, any combination, min. 1-inch total thickness, loose laid	Min. 1/8-inch TremBoard AC or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Trufast Versa Fastener & Plate; 2 screws per plate installed 180° into the holes of the plate*	1 per 2.13 ft² (15 per 4x8 ft board)	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-45.0*
	Note:	**Versa Fastener screws shall be of sufficient length for min. 1-inch penetration through the sheathing. For existing decks, field withdrawal resistance testing (Note 11) shall yield minimum 192 lbf.*							
W-98.	Min. 15/32-inch CDX plywood; 24" span	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.25-inch DenDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch Structodek HD with Primed Red Coating	Note 2 (min. #14 fasteners only)	1 per 2.0 ft² (16 per 4x8 ft board)	POWERply Endure 100, 200, 300 or 320 Smooth in POWERply Endure BIO Adhesive TF	(Optional) POWERply Endure 100, 200, 300 or 320 Smooth in POWERply Endure BIO Adhesive TF	POWERply Endure 100, 200, 300 or 320 FR in POWERply Endure BIO Adhesive TF	-60.0
HOT-ASPHALT-APPLIED BASE PLY:									
W-99.	Min. 15/32-inch plywood or min. 7/16-inch OSB at max. 24-inch span	One or more layers, any combination, min. 1-inch total thickness, loose laid	Min. 1/8-inch TremBoard AC	Trufast Versa Fastener & Plate; 4 screws per plate installed in square pattern*	1 per 4.0 ft² (8 per 4x8 ft board)	BP-AA, SBS-AA	(Optional) BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA	BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA	-30.0*
	Note:	**Versa Fastener screws shall be of sufficient length for min. 1-inch penetration through the sheathing. For existing decks, field withdrawal resistance testing (Note 11) shall yield minimum 240 lbf.*							
W-100.	Min. 15/32-inch plywood or min. 7/16-inch OSB at max. 24-inch span	One or more layers, any combination, min. 1-inch total thickness, loose laid	Min. ¼-inch TremBoard AC	Trufast Versa Fastener & Plate; 4 screws per plate installed in square pattern*	1 per 4.0 ft² (8 per 4x8 ft board)	BP-AA, SBS-AA	(Optional) BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA	BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA	-37.5*
	Note:	**Versa Fastener screws shall be of sufficient length for min. 1-inch penetration through the sheathing. For existing decks, field withdrawal resistance testing (Note 11) shall yield minimum 300 lbf.*							

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TABLE 1E: WOOD DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER

System No.	Deck (Note 1)	Base Insulation (Note 3, Note 13)	Top Insulation			Roof Cover (Note 15)			MDP (psf)
			Type	Fastener (Note 11)	Attach (Note 17)	Base Ply	Ply	Cap Ply	
W-101.	Min. 15/32-inch plywood or min. 7/16-inch OSB at max. 24-inch span	(Optional) One or more layers, any combination, min. 1-inch total thickness, loose laid	Min. 1/8-inch TremBoard AC	Trufast Versa Fastener & Plate; 2 screws per plate installed 180° into the holes of the plate*	1 per 2.9 ft² (11 per 4x8 ft board)	BP-AA, SBS-AA	(Optional) BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA	BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA	-37.5*
	Note:	**Versa Fastener screws shall be of sufficient length for min. 1-inch penetration through the sheathing. For existing decks, field withdrawal resistance testing (Note 11) shall yield minimum 218 lbf.*							
W-102.	Min. 15/32-inch plywood or min. 7/16-inch OSB at max. 24-inch span	(Optional) One or more layers, any combination, min. 1-inch total thickness, loose laid	Min. 1/8-inch TremBoard AC	Trufast Versa Fastener & Plate; 2 screws per plate installed 180° into the holes of the plate*	1 per 2.13 ft² (15 per 4x8 ft board)	BP-AA, SBS-AA	(Optional) BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA	BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA	-45.0*
	Note:	**Versa Fastener screws shall be of sufficient length for min. 1-inch penetration through the sheathing. For existing decks, field withdrawal resistance testing (Note 11) shall yield minimum 192 lbf.*							
W-103.	Min. 15/32-inch CDX plywood; 24" span	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.25-inch DenDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch Structodek HD with Primed Red Coating	Note 2 (min. #14 fasteners only)	1 per 2.0 ft² (16 per 4x8 ft board)	POWERply Endure 100, 200, 300 or 320 Smooth in hot asphalt	(Optional) POWERply Endure 100, 200, 300 or 320 Smooth in hot asphalt	POWERply Endure 100, 200, 300 or 320 FR in hot asphalt	-60.0
W-104.	Min. 15/32-inch plywood or min. 7/16-inch OSB at max. 24-inch span	One or more layers, any combination, min. 1-inch total thickness, loose laid	Min. 1/8-inch TremBoard AC	Trufast Versa Fastener & Plate; 4 screws per plate installed in square pattern*	1 per 4.0 ft² (8 per 4x8 ft board)	SBS-AA	(Optional) One or more SBS-AA, SBS-TA	SBS-TA	-30.0*
	Note:	**Versa Fastener screws shall be of sufficient length for min. 1-inch penetration through the sheathing. For existing decks, field withdrawal resistance testing (Note 11) shall yield minimum 240 lbf.*							
W-105.	Min. 15/32-inch plywood or min. 7/16-inch OSB at max. 24-inch span	One or more layers, any combination, min. 1-inch total thickness, loose laid	Min. ¼-inch TremBoard AC	Trufast Versa Fastener & Plate; 4 screws per plate installed in square pattern*	1 per 4.0 ft² (8 per 4x8 ft board)	SBS-AA	(Optional) One or more SBS-AA, SBS-TA	SBS-TA	-37.5*
	Note:	**Versa Fastener screws shall be of sufficient length for min. 1-inch penetration through the sheathing. For existing decks, field withdrawal resistance testing (Note 11) shall yield minimum 300 lbf.*							
W-106.	Min. 15/32-inch plywood or min. 7/16-inch OSB at max. 24-inch span	(Optional) One or more layers, any combination, min. 1-inch total thickness, loose laid	Min. 1/8-inch TremBoard AC	Trufast Versa Fastener & Plate; 2 screws per plate installed 180° into the holes of the plate*	1 per 2.9 ft² (11 per 4x8 ft board)	SBS-AA	(Optional) One or more SBS-AA, SBS-TA	SBS-TA	-37.5*
	Note:	**Versa Fastener screws shall be of sufficient length for min. 1-inch penetration through the sheathing. For existing decks, field withdrawal resistance testing (Note 11) shall yield minimum 218 lbf.*							
W-107.	Min. 15/32-inch plywood or min. 7/16-inch OSB at max. 24-inch span	(Optional) One or more layers, any combination, min. 1-inch total thickness, loose laid	Min. 1/8-inch TremBoard AC	Trufast Versa Fastener & Plate; 2 screws per plate installed 180° into the holes of the plate*	1 per 2.13 ft² (15 per 4x8 ft board)	SBS-AA	(Optional) One or more SBS-AA, SBS-TA	SBS-TA	-45.0*
	Note:	**Versa Fastener screws shall be of sufficient length for min. 1-inch penetration through the sheathing. For existing decks, field withdrawal resistance testing (Note 11) shall yield minimum 192 lbf.*							
SEBS-APPLIED BASE PLY:									

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TABLE 1E: WOOD DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER

System No.	Deck (Note 1)	Base Insulation (Note 3, Note 13)	Top Insulation			Roof Cover (Note 15)			MDP (psf)
			Type	Fastener (Note 11)	Attach (Note 17)	Base Ply	Ply	Cap Ply	
W-108.	Min. 15/32-inch plywood or min. 7/16-inch OSB at max. 24-inch span	One or more layers, any combination, min. 1-inch total thickness, loose laid	Min. 1/8-inch TremBoard AC	Trufast Versa Fastener & Plate; 4 screws per plate installed in square pattern*	1 per 4.0 ft² (8 per 4x8 ft board)	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-30.0*
	Note:	**Versa Fastener screws shall be of sufficient length for min. 1-inch penetration through the sheathing. For existing decks, field withdrawal resistance testing (Note 11) shall yield minimum 240 lbf.*							
W-109.	Min. 15/32-inch plywood or min. 7/16-inch OSB at max. 24-inch span	One or more layers, any combination, min. 1-inch total thickness, loose laid	Min. ¼-inch TremBoard AC or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Trufast Versa Fastener & Plate; 4 screws per plate installed in square pattern*	1 per 4.0 ft² (8 per 4x8 ft board)	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-37.5*
	Note:	**Versa Fastener screws shall be of sufficient length for min. 1-inch penetration through the sheathing. For existing decks, field withdrawal resistance testing (Note 11) shall yield minimum 300 lbf.*							
W-110.	Min. 15/32-inch plywood or min. 7/16-inch OSB at max. 24-inch span	(Optional) One or more layers, any combination, min. 1-inch total thickness, loose laid	Min. 1/8-inch TremBoard AC or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Trufast Versa Fastener & Plate; 2 screws per plate installed 180° into the holes of the plate*	1 per 2.9 ft² (11 per 4x8 ft board)	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-37.5*
	Note:	**Versa Fastener screws shall be of sufficient length for min. 1-inch penetration through the sheathing. For existing decks, field withdrawal resistance testing (Note 11) shall yield minimum 218 lbf.*							
W-111.	Min. 15/32-inch plywood or min. 7/16-inch OSB at max. 24-inch span	(Optional) One or more layers, any combination, min. 1-inch total thickness, loose laid	Min. 1/8-inch TremBoard AC or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Trufast Versa Fastener & Plate; 2 screws per plate installed 180° into the holes of the plate*	1 per 2.13 ft² (15 per 4x8 ft board)	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-45.0*
	Note:	**Versa Fastener screws shall be of sufficient length for min. 1-inch penetration through the sheathing. For existing decks, field withdrawal resistance testing (Note 11) shall yield minimum 192 lbf.*							
W-112.	Min. 15/32-inch CDX plywood; 24" span	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.25-inch DenDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch Structodek HD with Primed Red Coating	Note 2 (min. #14 fasteners only)	1 per 2.0 ft² (16 per 4x8 ft board)	POWERply Endure 100, 200, 300 or 320 Smooth in THERMastic 80	(Optional) POWERply Endure 100, 200, 300 or 320 Smooth in THERMastic 80	POWERply Endure 100, 200, 300 or 320 FR in THERMastic 80	-60.0
TORCH-APPLIED BASE PLY:									
W-113.	Min. 15/32-inch plywood or min. 7/16-inch OSB at max. 24-inch span	One or more layers, any combination, min. 1-inch total thickness, loose laid	Min. 1/8-inch TremBoard AC	Trufast Versa Fastener & Plate; 4 screws per plate installed in square pattern*	1 per 4.0 ft² (8 per 4x8 ft board)	POWERply APP Smooth, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA	-30.0*
	Note:	**Versa Fastener screws shall be of sufficient length for min. 1-inch penetration through the sheathing. For existing decks, field withdrawal resistance testing (Note 11) shall yield minimum 240 lbf.*							
W-114.	Min. 15/32-inch plywood or min. 7/16-inch OSB at max. 24-inch span	One or more layers, any combination, min. 1-inch total thickness, loose laid	Min. ¼-inch TremBoard AC	Trufast Versa Fastener & Plate; 4 screws per plate installed in square pattern*	1 per 4.0 ft² (8 per 4x8 ft board)	POWERply APP Smooth, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA	-37.5*
	Note:	**Versa Fastener screws shall be of sufficient length for min. 1-inch penetration through the sheathing. For existing decks, field withdrawal resistance testing (Note 11) shall yield minimum 300 lbf.*							

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TABLE 1E: WOOD DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER

System No.	Deck (Note 1)	Base Insulation (Note 3, Note 13)	Top Insulation			Roof Cover (Note 15)			MDP (psf)
			Type	Fastener (Note 11)	Attach (Note 17)	Base Ply	Ply	Cap Ply	
W-115.	Min. 15/32-inch plywood or min. 7/16-inch OSB at max. 24-inch span	One or more layers, any combination, min. 1-inch total thickness, loose laid	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Trufast Versa Fastener & Plate; 4 screws per plate installed in square pattern*	1 per 4.0 ft² (8 per 4x8 ft board)	SBS-TA	(Optional) SBS-TA	SBS-TA	-37.5*
	Note:	**Versa Fastener screws shall be of sufficient length for min. 1-inch penetration through the sheathing. For existing decks, field withdrawal resistance testing (Note 11) shall yield minimum 300 lbf.*							
W-116.	Min. 15/32-inch plywood or min. 7/16-inch OSB at max. 24-inch span	One or more layers, any combination, min. 1-inch total thickness, loose laid	Min. 1/8-inch TremBoard AC	Trufast Versa Fastener & Plate; 2 screws per plate installed 180° into the holes of the plate*	1 per 2.9 ft² (11 per 4x8 ft board)	POWERply APP Smooth, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA	-37.5*
	Note:	**Versa Fastener screws shall be of sufficient length for min. 1-inch penetration through the sheathing. For existing decks, field withdrawal resistance testing (Note 11) shall yield minimum 218 lbf.*							
W-117.	Min. 15/32-inch plywood or min. 7/16-inch OSB at max. 24-inch span	One or more layers, any combination, min. 1-inch total thickness, loose laid	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Trufast Versa Fastener & Plate; 2 screws per plate installed 180° into the holes of the plate*	1 per 2.9 ft² (11 per 4x8 ft board)	SBS-TA	(Optional) SBS-TA	SBS-TA	-37.5*
	Note:	**Versa Fastener screws shall be of sufficient length for min. 1-inch penetration through the sheathing. For existing decks, field withdrawal resistance testing (Note 11) shall yield minimum 218 lbf.*							
W-118.	Min. 15/32-inch plywood or min. 7/16-inch OSB at max. 24-inch span	(Optional) One or more layers, any combination, min. 1-inch total thickness, loose laid	Min. 1/8-inch TremBoard AC	Trufast Versa Fastener & Plate; 2 screws per plate installed 180° into the holes of the plate*	1 per 2.13 ft² (15 per 4x8 ft board)	POWERply APP Smooth, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA	-45.0*
	Note:	**Versa Fastener screws shall be of sufficient length for min. 1-inch penetration through the sheathing. For existing decks, field withdrawal resistance testing (Note 11) shall yield minimum 192 lbf.*							
W-119.	Min. 15/32-inch plywood or min. 7/16-inch OSB at max. 24-inch span	(Optional) One or more layers, any combination, min. 1-inch total thickness, loose laid	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Trufast Versa Fastener & Plate; 2 screws per plate installed 180° into the holes of the plate*	1 per 2.13 ft² (15 per 4x8 ft board)	SBS-TA	(Optional) SBS-TA	SBS-TA	-45.0*
	Note:	**Versa Fastener screws shall be of sufficient length for min. 1-inch penetration through the sheathing. For existing decks, field withdrawal resistance testing (Note 11) shall yield minimum 192 lbf.*							

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TABLE 1F: WOOD DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER SYSTEM TYPE D-2: INSULATED, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER									
System No.	Deck (Note 1)	Slip Sheet	Insulation and/or Thermal Barrier (Note 3, Note 13)	Base Sheet			Roof Cover (Note 15)		MDP (psf)
				Type	Fastener (Note 11)	Spacing	Base Ply	Cap Ply	
BURMASTIC ADHESIVE MC APPLIED BASE PLY:									
W-120.	Min. 19/32-inch plywood at max. 24-inch span	(Optional) UL Certified, Type G2 base sheet (ASTM D4601, Type II), loose laid	One or more layers, any combination, prelim. attach	BURmastic Composite Ply HT, BURmastic Composite Ply Premium or BURmastic Composite Ply HT Green	Tremco #14 HD Fastener with Tremco 2.4" Barbed Seam Plate	6-inch o.c. at the min. 4-inch wide side laps	One or more BP-CA6 or SBS-CA6	BP-CA1 or SBS-CA1	-60.0
W-121.	Min. 19/32-inch plywood at max. 24-inch span	(Optional) UL Certified, Type G2 base sheet (ASTM D4601, Type II), loose laid	One or more layers, any combination, prelim. attach	BURmastic Composite Ply HT, BURmastic Composite Ply Premium or BURmastic Composite Ply HT Green	Tremco #14 HD Fastener with Tremco 2.4" Barbed Seam Plate	6-inch o.c. at the min. 4-inch wide side laps	One or more BP-CA6 or SBS-CA6	BP-CA6 or SBS-CA6	-67.5
HOT-ASPHALT-APPLIED BASE PLY:									
W-122.	Min. 19/32-inch plywood at max. 24-inch span	(Optional) UL Certified, Type G2 base sheet (ASTM D4601, Type II), loose laid	One or more layers, any combination, prelim. attach	BURmastic Composite Ply HT, BURmastic Composite Ply Premium or BURmastic Composite Ply HT Green	Tremco #14 HD Fastener with Tremco 2.4" Barbed Seam Plate	6-inch o.c. at the min. 4-inch wide side laps	One or more BP-AA, SBS-AA	BP-AA, SBS-AA or APP-TA	-67.5
W-123.	Min. 19/32-inch plywood at max. 24-inch span	(Optional) UL Certified, Type G2 base sheet (ASTM D4601, Type II), loose laid	One or more layers, any combination, prelim. attach	BURmastic Composite Ply HT, BURmastic Composite Ply Premium or BURmastic Composite Ply HT Green	Tremco #14 HD Fastener with Tremco 2.4" Barbed Seam Plate	6-inch o.c. at the min. 4-inch wide side laps	One or more SBS-AA	SBS-TA	-67.5
SEBS-APPLIED BASE PLY:									
W-124.	Min. 19/32-inch plywood at max. 24-inch span	(Optional) UL Certified, Type G2 base sheet (ASTM D4601, Type II), loose laid	One or more layers, any combination, prelim. attach	BURmastic Composite Ply HT, BURmastic Composite Ply Premium or BURmastic Composite Ply HT Green	Tremco #14 HD Fastener with Tremco 2.4" Barbed Seam Plate	6-inch o.c. at the min. 4-inch wide side laps	One or more BP-SEBS, SBS-SEBS	BP-SEBS, SBS-SEBS	-67.5
TORCH-APPLIED BASE PLY:									
W-125.	Min. 19/32-inch plywood at max. 24-inch span	(Optional) UL Certified, Type G2 base sheet (ASTM D4601, Type II), loose laid	One or more layers, any combination, prelim. attach	BURmastic Composite Ply HT, BURmastic Composite Ply Premium or BURmastic Composite Ply HT Green	Tremco #14 HD Fastener with Tremco 2.4" Barbed Seam Plate	6-inch o.c. at the min. 4-inch wide side laps	One or more APP-TA, SBS-TA	APP-TA, SBS-TA	-67.5

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TABLE 1G: WOOD DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE D-2: INSULATED, MECHANICALLY ATTACHED POWERFAST, BONDED ROOF COVER

System No.	Deck (Note 1)	Slip Sheet	Insulation and/or Thermal Barrier (Note 3, Note 13)	PowerFAST (Note 15A)			Roof Cover (Note 15)		MDP (psf)
				Type	Fastener (Note 11)	Spacing	Base Ply	Cap Ply	
POWERPLY ENDURE 100 SMOOTH WITH FASTENER AND STRESS PLATE:									
W-126.	Min. 15/32-inch plywood at max. 24-inch span	(Optional) UL Certified, Type G2 base sheet (ASTM D4601, Type II), loose laid	One or more layers, any combination, min. 2-inch thick, prelim. attach	POWERply Endure 100 Smooth	Tremco #15 EHD with Tremco 2.4" Barbed Seam Plate	6-inch o.c. within the min. 5-inch wide, POWERply Endure BIO Adhesive TF sealed side laps	(Optional) POWERply Endure 100, 200, 300 or 320 Smooth in POWERply Endure BIO Adhesive TF	POWERply Endure 100, 200, 300 or 320 FR in POWERply Endure BIO Adhesive TF	-60.0
POWERPLY HEAVY DUTY BASE SHEET WITH FASTENER AND STRESS PLATE:									
W-127.	Min. 15/32-inch plywood at max. 24-inch span	(Optional) UL Certified, Type G2 base sheet (ASTM D4601, Type II), loose laid	One or more layers, min. 1-inch, any combination, prelim. attach	POWERply Heavy Duty Base Sheet	Trufast Versa Fastener (min. ¾" penetration) & Plate; 2 screws per plate installed 180° into the holes of the plate, parallel to the width-direction of the sheet*	18-inch o.c. within the min. 5-inch wide, Tremco LF Adhesive sealed side laps	(Optional) BP-CA1 *(laps sealed with Tremco LF Adhesive)* or SBS-CA1 *(laps hot air welded or sealed with Tremco LF Adhesive)*	BP-CA1 *(laps sealed with Tremco LF Adhesive)* or SBS-CA1 *(laps hot air welded or sealed with Tremco LF Adhesive)*	-37.5
	Note:	**For re-roof or recover construction, field withdrawal resistance testing (Note 11) shall yield minimum 291 lbf.*							
W-128.	Min. 15/32-inch plywood at max. 24-inch span	(Optional) UL Certified, Type G2 base sheet (ASTM D4601, Type II), loose laid	One or more layers, min. 1-inch, any combination, prelim. attach	POWERply Heavy Duty Base Sheet	Trufast Versa Fastener (min. ¾" penetration) & Plate; 2 screws per plate installed 180° into the holes of the plate, parallel to the width-direction of the sheet*	18-inch o.c. within the min. 5-inch wide, Tremco LF Adhesive sealed side laps	(Optional) BP-AA, SBS-AA, BP-SEBS, SBS-SEBS or SBS-TA	BP-AA, SBS-AA, SBS-SEBS or SBS-TA	-37.5
	Note:	**For re-roof or recover construction, field withdrawal resistance testing (Note 11) shall yield minimum 291 lbf.*							
W-129.	Min. 15/32-inch plywood at max. 24-inch span	(Optional) UL Certified, Type G2 base sheet (ASTM D4601, Type II), loose laid	One or more layers, min. 1-inch, any combination, prelim. attach	POWERply Heavy Duty Base Sheet	Trufast Versa Fastener (min. ¾" penetration) & Plate; 2 screws per plate installed 180° into the holes of the plate, parallel to the width-direction of the sheet*	12-inch o.c. within the min. 5-inch wide, Tremco LF Adhesive sealed side laps	(Optional) BP-CA1 *(laps sealed with Tremco LF Adhesive)* or SBS-CA1 *(laps hot air welded or sealed with Tremco LF Adhesive)*	BP-CA1 *(laps sealed with Tremco LF Adhesive)* or SBS-CA1 *(laps hot air welded or sealed with Tremco LF Adhesive)*	-45.0
	Note:	**For re-roof or recover construction, field withdrawal resistance testing (Note 11) shall yield minimum 232 lbf.*							
W-130.	Min. 15/32-inch plywood at max. 24-inch span	(Optional) UL Certified, Type G2 base sheet (ASTM D4601, Type II), loose laid	One or more layers, min. 1-inch, any combination, prelim. attach	POWERply Heavy Duty Base Sheet	Trufast Versa Fastener (min. ¾" penetration) & Plate; 2 screws per plate installed 180° into the holes of the plate, parallel to the width-direction of the sheet*	12-inch o.c. within the min. 5-inch wide, Tremco LF Adhesive sealed side laps	(Optional) BP-AA, SBS-AA, BP-SEBS, SBS-SEBS or SBS-TA	BP-AA, SBS-AA, SBS-SEBS or SBS-TA	-45.0
	Note:	**For re-roof or recover construction, field withdrawal resistance testing (Note 11) shall yield minimum 232 lbf.*							
W-131.	Min. 19/32-inch plywood at max. 24-inch span	(Optional) UL Certified, Type G2 base sheet (ASTM D4601, Type II), loose laid	One or more layers, any combination, prelim. attach	POWERply Heavy Duty Base Sheet	Tremco #15 EHD with Tremco 2" Barbed Seam Plate	9-inch o.c. within the min. 4-inch wide Tremco LF Adhesive sealed side laps	(Optional) BP-CA1 *(laps sealed with Tremco LF Adhesive)* or SBS-CA1 *(laps hot air welded or sealed with Tremco LF Adhesive)*	BP-CA1 *(laps sealed with Tremco LF Adhesive)* or SBS-CA1 *(laps hot air welded or sealed with Tremco LF Adhesive)*	-52.5

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TABLE 1G: WOOD DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER SYSTEM TYPE D-2: INSULATED, MECHANICALLY ATTACHED POWERFAST, BONDED ROOF COVER									
System No.	Deck (Note 1)	Slip Sheet	Insulation and/or Thermal Barrier (Note 3, Note 13)	PowerFAST (Note 15A)			Roof Cover (Note 15)		MDP (psf)
				Type	Fastener (Note 11)	Spacing	Base Ply	Cap Ply	
W-132.	Min. 19/32-inch plywood at max. 24-inch span	(Optional) UL Certified, Type G2 base sheet (ASTM D4601, Type II), loose laid	One or more layers, any combination, prelim. attach	POWERply Heavy Duty Base Sheet	Tremco #15 EHD with Tremco 2" Barbed Seam Plate	9-inch o.c. within the min. 4-inch wide POWERply Endure BIO Adhesive TF or Tremco LF Adhesive sealed side laps	(Optional) BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-52.5
W-133.	Min. 19/32-inch plywood at max. 24-inch span	(Optional) UL Certified, Type G2 base sheet (ASTM D4601, Type II), loose laid	One or more layers, any combination, prelim. attach	POWERply Heavy Duty Base Sheet	Tremco #15 EHD with Tremco 2" Barbed Seam Plate	9-inch o.c. within the min. 4-inch wide Tremco LF Adhesive sealed side laps	(Optional) BP-AA, SBS-AA, BP-SEBS, SBS-SEBS or SBS-TA	BP-AA, SBS-AA, SBS-SEBS or SBS-TA	-52.5
W-134.	Min. 19/32-inch plywood at max. 24-inch span	(Optional) UL Certified, Type G2 base sheet (ASTM D4601, Type II), loose laid	One or more layers, any combination, prelim. attach	POWERply Heavy Duty Base Sheet	Tremco #15 EHD with Tremco 2" Barbed Seam Plate	6-inch o.c. within the min. 4-inch wide Tremco LF Adhesive sealed side laps	(Optional) BP-CA1 *(laps sealed with Tremco LF Adhesive)* or SBS-CA1 *(laps hot air welded or sealed with Tremco LF Adhesive)*	BP-CA1 *(laps sealed with Tremco LF Adhesive)* or SBS-CA1 *(laps hot air welded or sealed with Tremco LF Adhesive)*	-60.0
W-135.	Min. 19/32-inch plywood at max. 24-inch span	(Optional) UL Certified, Type G2 base sheet (ASTM D4601, Type II), loose laid	One or more layers, min. 1-inch, any combination, prelim. attach	POWERply Heavy Duty Base Sheet	Trufast Versa Fastener (min. ¾" penetration) & Plate; 2 screws per plate installed 180° into the holes of the plate, parallel to the width-direction of the sheet*	12-inch o.c. within the min. 5-inch wide, Tremco LF Adhesive sealed side laps	(Optional) BP-AA, SBS-AA, BP-SEBS, SBS-SEBS or SBS-TA	BP-AA, SBS-AA, BP-SEBS, SBS-SEBS or SBS-TA	-67.5
	Note:	**For re-roof or recover construction, field withdrawal resistance testing (Note 11) shall yield minimum 349 lbf.*							
W-136.	Min. 19/32-inch plywood at max. 24-inch span	(Optional) UL Certified, Type G2 base sheet (ASTM D4601, Type II), loose laid	One or more layers, any combination, prelim. attach	POWERply Heavy Duty Base Sheet	Tremco #15 EHD with Tremco 2" Barbed Seam Plate	6-inch o.c. within the min. 4-inch wide Tremco LF Adhesive sealed side laps	(Optional) BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-82.5
W-137.	Min. 19/32-inch plywood at max. 24-inch span	(Optional) UL Certified, Type G2 base sheet (ASTM D4601, Type II), loose laid	One or more layers, any combination, prelim. attach	POWERply Heavy Duty Base Sheet	Tremco #15 EHD with Tremco 2" Barbed Seam Plate	6-inch o.c. within the min. 4-inch wide Tremco LF Adhesive sealed side laps	(Optional) BP-AA, SBS-AA, BP-SEBS, SBS-SEBS or SBS-TA	BP-AA, SBS-AA, SBS-SEBS or SBS-TA	-82.5
W-138.	Min. 19/32-inch plywood at max. 24-inch span	(Optional) UL Certified, Type G2 base sheet (ASTM D4601, Type II), loose laid	One or more layers, any combination, prelim. attach	POWERply Heavy Duty Base Sheet	Tremco #15 EHD with Tremco 2" Barbed Seam Plate	6-inch o.c. within the min. 4-inch wide POWERply Endure BIO Adhesive TF sealed side laps	(Optional) BP-CA5, SBS-CA5	BP-CA5, SBS-CA5	-97.5

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TABLE 1H: WOOD DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF) SYSTEM TYPE E-2: NON-INSULATED, MECHANICALLY ATTACHED BASE SHEET (NAILS), BONDED ROOF COVER								
System No.	Deck (Note 1)	Slip Sheet	Base Sheet			Roof Cover (Note 15)		MDP (psf)
			Type	Fastener (Note 11)	Spacing	Base Ply	Cap Ply	
BURMASTIC ADHESIVE OR POWERPLY STANDARD COLD ADHESIVE APPLIED BASE PLY:								
W-139.	Min. 15/32-inch plywood or min. 7/16-inch OSB at max. 24-inch span	(Optional) UL Certified, Type G2 base sheet (ASTM D4601, Type II), loose laid	BURmastic Glass Ply, BURmastic Glass Ply – 28 lb, BURmastic Composite Ply HT, BURmastic Composite Ply Premium or BURmastic Composite Ply HT Green	12 ga. x 3/8-inch head diameter annular ring shank roofing nails through 32 ga. x 1-5/8-inch dia. tin caps	9-inch o.c. at 2-inch lap and 9-inch o.c. at three (3), equally spaced, staggered center rows	One or more BP-CA1 or SBS-CA1	BP-CA1 or SBS-CA1	-45.0*
BURMASTIC ADHESIVE MC APPLIED BASE PLY:								
W-140.	Min. 15/32-inch plywood or min. 7/16-inch OSB at max. 24-inch span	(Optional) UL Certified, Type G2 base sheet (ASTM D4601, Type II), loose laid	BURmastic Glass Ply, BURmastic Glass Ply – 28 lb, BURmastic Composite Ply HT, BURmastic Composite Ply Premium or BURmastic Composite Ply HT Green	12 ga. x 3/8-inch head diameter annular ring shank roofing nails through 32 ga. x 1-5/8-inch dia. tin caps	9-inch o.c. at 2-inch lap and 9-inch o.c. at three (3), equally spaced, staggered center rows	One or more BP-CA6 or SBS-CA6	BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6	-45.0*
POWERPLY ENDURE BIO ADHESIVE TF APPLIED BASE PLY:								
W-141.	Min. 15/32-inch plywood or min. 7/16-inch OSB at max. 24-inch span	(Optional) UL Certified, Type G2 base sheet (ASTM D4601, Type II), loose laid	BURmastic Glass Ply, BURmastic Glass Ply – 28 lb, BURmastic Composite Ply HT, BURmastic Composite Ply Premium or BURmastic Composite Ply HT Green	12 ga. x 3/8-inch head diameter annular ring shank roofing nails through 32 ga. x 1-5/8-inch dia. tin caps	9-inch o.c. at 2-inch lap and 9-inch o.c. at three (3), equally spaced, staggered center rows	One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-45.0*
HOT-ASPHALT-APPLIED BASE PLY:								
W-142.	Min. 15/32-inch plywood or min. 7/16-inch OSB at max. 24-inch span	(Optional) UL Certified, Type G2 base sheet (ASTM D4601, Type II), loose laid	BURmastic Glass Ply, BURmastic Glass Ply – 28 lb, BURmastic Composite Ply HT, BURmastic Composite Ply Premium or BURmastic Composite Ply HT Green	12 ga. x 3/8-inch head diameter annular ring shank roofing nails through 32 ga. x 1-5/8-inch dia. tin caps	9-inch o.c. at 2-inch lap and 9-inch o.c. at three (3), equally spaced, staggered center rows	BP-AA, SBS-AA	BP-CA1, BP-AA, SBS-CA1, SBS-AA, SBS-TA or APP-TA	-45.0*
SEBS-APPLIED BASE PLY:								
W-143.	Min. 15/32-inch plywood or min. 7/16-inch OSB at max. 24-inch span	(Optional) UL Certified, Type G2 base sheet (ASTM D4601, Type II), loose laid	BURmastic Glass Ply, BURmastic Glass Ply – 28 lb, BURmastic Composite Ply HT, BURmastic Composite Ply Premium or BURmastic Composite Ply HT Green	12 ga. x 3/8-inch head diameter annular ring shank roofing nails through 32 ga. x 1-5/8-inch dia. tin caps	9-inch o.c. at 2-inch lap and 9-inch o.c. at three (3), equally spaced, staggered center rows	BP-SEBS, SBS-SEBS	BP-SEBS, SBS-SEBS	-45.0*
TORCH-APPLIED BASE PLY:								
W-144.	Min. 15/32-inch plywood or min. 7/16-inch OSB at max. 24-inch span	(Optional) UL Certified, Type G2 base sheet (ASTM D4601, Type II), loose laid	BURmastic Glass Ply, BURmastic Glass Ply – 28 lb, BURmastic Composite Ply HT, BURmastic Composite Ply Premium or BURmastic Composite Ply HT Green	12 ga. x 3/8-inch head diameter annular ring shank roofing nails through 32 ga. x 1-5/8-inch dia. tin caps	9-inch o.c. at 2-inch lap and 9-inch o.c. at three (3), equally spaced, staggered center rows	SBS-TA	BP-CA1, BP-AA, BP-SEBS, SBS-CA1, SBS-AA, SBS-SEBS or SBS-TA	-45.0*

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TABLE 1I: WOOD DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER SYSTEM TYPE E-2: NON-INSULATED, MECHANICALLY ATTACHED BASE SHEET (SCREWS & PLATES), BONDED ROOF COVER								
System No.	Deck (Note 1)	Slip Sheet	Base Sheet			Roof Cover (Note 15)		MDP (psf)
			Type	Fastener (Note 11)	Spacing	Base Ply	Cap Ply	
BURMASTIC ADHESIVE MC APPLIED BASE PLY:								
W-145.	Min. 19/32-inch plywood at max. 24-inch span	(Optional) UL Certified, Type G2 base sheet (ASTM D4601, Type II), loose laid	BURmastic Composite Ply HT, BURmastic Composite Ply Premium or BURmastic Composite Ply HT Green	Tremco #14 HD Fastener with Tremco 2.4" Barbed Seam Plate	6-inch o.c. at the min. 4-inch wide side laps	One or more BP-CA6 or SBS-CA6	BP-CA1 or SBS-CA1	-60.0
W-146.	Min. 19/32-inch plywood at max. 24-inch span	(Optional) UL Certified, Type G2 base sheet (ASTM D4601, Type II), loose laid	BURmastic Composite Ply HT, BURmastic Composite Ply Premium or BURmastic Composite Ply HT Green	Tremco #14 HD Fastener with Tremco 2.4" Barbed Seam Plate	6-inch o.c. at the min. 4-inch wide side laps	One or more BP-CA6 or SBS-CA6	BP-CA6 or SBS-CA6	-67.5
HOT-ASPHALT-APPLIED BASE PLY:								
W-147.	Min. 19/32-inch plywood at max. 24-inch span	(Optional) UL Certified, Type G2 base sheet (ASTM D4601, Type II), loose laid	BURmastic Composite Ply HT, BURmastic Composite Ply Premium or BURmastic Composite Ply HT Green	Tremco #14 HD Fastener with Tremco 2.4" Barbed Seam Plate	6-inch o.c. at the min. 4-inch wide side laps	BP-AA, SBS-AA	BP-AA, SBS-AA or APP-TA	-67.5
W-148.	Min. 19/32-inch plywood at max. 24-inch span	(Optional) UL Certified, Type G2 base sheet (ASTM D4601, Type II), loose laid	BURmastic Composite Ply HT, BURmastic Composite Ply Premium or BURmastic Composite Ply HT Green	Tremco #14 HD Fastener with Tremco 2.4" Barbed Seam Plate	6-inch o.c. at the min. 4-inch wide side laps	SBS-AA	SBS-TA	-67.5
SEBS-APPLIED BASE PLY:								
W-149.	Min. 19/32-inch plywood at max. 24-inch span	(Optional) UL Certified, Type G2 base sheet (ASTM D4601, Type II), loose laid	BURmastic Composite Ply HT, BURmastic Composite Ply Premium or BURmastic Composite Ply HT Green	Tremco #14 HD Fastener with Tremco 2.4" Barbed Seam Plate	6-inch o.c. at the min. 4-inch wide side laps	BP-SEBS, SBS-SEBS	BP-SEBS, SBS-SEBS	-67.5
TORCH-APPLIED BASE PLY:								
W-150.	Min. 19/32-inch plywood at max. 24-inch span	(Optional) UL Certified, Type G2 base sheet (ASTM D4601, Type II), loose laid	BURmastic Composite Ply HT, BURmastic Composite Ply Premium or BURmastic Composite Ply HT Green	Tremco #14 HD Fastener with Tremco 2.4" Barbed Seam Plate	6-inch o.c. at the min. 4-inch wide side laps	APP-TA, SBS-TA	APP-TA, SBS-TA	-67.5

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TABLE 1J: WOOD DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE E-2: NON-INSULATED, MECHANICALLY ATTACHED POWERFAST, BONDED ROOF COVER

System No.	Deck (Note 1)	Slip Sheet	PowerFAST (Note 15A)			Roof Cover (Note 15)		MDP (psf)
			Type	Fastener (Note 11)	Spacing	Base Ply	Cap Ply	
POWERPLY ENDURE 100 SMOOTH WITH FASTENER AND STRESS PLATE:								
W-151.	Min. 15/32-inch plywood at max. 24-inch span	(Optional) UL Certified, Type G2 base sheet (ASTM D4601, Type II), loose laid	POWERply Endure 100 Smooth	Tremco #15 EHD with Tremco 2.4" Barbed Seam Plate	6-inch o.c. within the min. 5-inch wide, POWERply Endure BIO Adhesive TF sealed side laps	(Optional) POWERply Endure 100, 200, 300 or 320 Smooth in POWERply Endure BIO Adhesive TF	POWERply Endure 100, 200, 300 or 320 FR in POWERply Endure BIO Adhesive TF	-60.0
POWERPLY HEAVY DUTY BASE SHEET WITH FASTENER AND STRESS PLATE:								
W-152.	Min. 15/32-inch plywood at max. 24-inch span	(Optional) UL Certified, Type G2 base sheet (ASTM D4601, Type II), loose laid	POWERply Heavy Duty Base Sheet	Trufast Versa Fastener (min. ¾" penetration) & Plate; 2 screws per plate installed 180° into the holes of the plate, parallel to the width-direction of the sheet*	18-inch o.c. within the min. 5-inch wide, Tremco LF Adhesive sealed side laps	(Optional) BP-CA1 *(laps sealed with Tremco LF Adhesive)* or SBS-CA1 *(laps hot air welded or sealed with Tremco LF Adhesive)*	BP-CA1 *(laps sealed with Tremco LF Adhesive)* or SBS-CA1 *(laps hot air welded or sealed with Tremco LF Adhesive)*	-37.5
	Note:	**For re-roof or recover construction, field withdrawal resistance testing (Note 11) shall yield minimum 291 lbf.*						
W-153.	Min. 15/32-inch plywood at max. 24-inch span	(Optional) UL Certified, Type G2 base sheet (ASTM D4601, Type II), loose laid	POWERply Heavy Duty Base Sheet	Trufast Versa Fastener (min. ¾" penetration) & Plate; 2 screws per plate installed 180° into the holes of the plate, parallel to the width-direction of the sheet*	18-inch o.c. within the min. 5-inch wide, Tremco LF Adhesive sealed side laps	(Optional) BP-AA, SBS-AA, BP-SEBS, SBS-SEBS or SBS-TA	BP-AA, SBS-AA, SBS-SEBS or SBS-TA	-37.5
	Note:	**For re-roof or recover construction, field withdrawal resistance testing (Note 11) shall yield minimum 291 lbf.*						
W-154.	Min. 15/32-inch plywood at max. 24-inch span	(Optional) UL Certified, Type G2 base sheet (ASTM D4601, Type II), loose laid	POWERply Heavy Duty Base Sheet	Trufast Versa Fastener (min. ¾" penetration) & Plate; 2 screws per plate installed 180° into the holes of the plate, parallel to the width-direction of the sheet*	12-inch o.c. within the min. 5-inch wide, Tremco LF Adhesive sealed side laps	(Optional) BP-CA1 *(laps sealed with Tremco LF Adhesive)* or SBS-CA1 *(laps hot air welded or sealed with Tremco LF Adhesive)*	BP-CA1 *(laps sealed with Tremco LF Adhesive)* or SBS-CA1 *(laps hot air welded or sealed with Tremco LF Adhesive)*	-45.0
	Note:	**For re-roof or recover construction, field withdrawal resistance testing (Note 11) shall yield minimum 232 lbf.*						
W-155.	Min. 15/32-inch plywood at max. 24-inch span	(Optional) UL Certified, Type G2 base sheet (ASTM D4601, Type II), loose laid	POWERply Heavy Duty Base Sheet	Trufast Versa Fastener (min. ¾" penetration) & Plate; 2 screws per plate installed 180° into the holes of the plate, parallel to the width-direction of the sheet*	12-inch o.c. within the min. 5-inch wide, Tremco LF Adhesive sealed side laps	(Optional) BP-AA, SBS-AA, BP-SEBS, SBS-SEBS or SBS-TA	BP-AA, SBS-AA, SBS-SEBS or SBS-TA	-45.0
	Note:	**For re-roof or recover construction, field withdrawal resistance testing (Note 11) shall yield minimum 232 lbf.*						
W-156.	Min. 19/32-inch plywood at max. 24-inch span	(Optional) UL Certified, Type G2 base sheet (ASTM D4601, Type II), loose laid	POWERply Heavy Duty Base Sheet	Tremco #15 EHD with Tremco 2" Barbed Seam Plate	9-inch o.c. within the min. 4-inch wide Tremco LF Adhesive sealed side laps	(Optional) BP-CA1 *(laps sealed with Tremco LF Adhesive)* or SBS-CA1 *(laps hot air welded or sealed with Tremco LF Adhesive)*	BP-CA1 *(laps sealed with Tremco LF Adhesive)* or SBS-CA1 *(laps hot air welded or sealed with Tremco LF Adhesive)*	-52.5
W-157.	Min. 19/32-inch plywood at max. 24-inch span	(Optional) UL Certified, Type G2 base sheet (ASTM D4601, Type II), loose laid	POWERply Heavy Duty Base Sheet	Tremco #15 EHD with Tremco 2" Barbed Seam Plate	9-inch o.c. within the min. 4-inch wide POWERply Endure BIO Adhesive TF or Tremco LF Adhesive sealed side laps	(Optional) BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-52.5

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TABLE 1J: WOOD DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER SYSTEM TYPE E-2: NON-INSULATED, MECHANICALLY ATTACHED POWERFAST, BONDED ROOF COVER								
System No.	Deck (Note 1)	Slip Sheet	PowerFAST (Note 15A)			Roof Cover (Note 15)		MDP (psf)
			Type	Fastener (Note 11)	Spacing	Base Ply	Cap Ply	
W-158.	Min. 19/32-inch plywood at max. 24-inch span	(Optional) UL Certified, Type G2 base sheet (ASTM D4601, Type II), loose laid	POWERply Heavy Duty Base Sheet	Tremco #15 EHD with Tremco 2" Barbed Seam Plate	9-inch o.c. within the min. 4-inch wide Tremco LF Adhesive sealed side laps	(Optional) BP-AA, SBS-AA, BP-SEBS, SBS-SEBS or SBS-TA	BP-AA, SBS-AA, SBS-SEBS or SBS-TA	-52.5
W-159.	Min. 19/32-inch plywood at max. 24-inch span	(Optional) UL Certified, Type G2 base sheet (ASTM D4601, Type II), loose laid	POWERply Heavy Duty Base Sheet	Tremco #15 EHD with Tremco 2" Barbed Seam Plate	6-inch o.c. within the min. 4-inch wide Tremco LF Adhesive sealed side laps	(Optional) BP-CA1 *(laps sealed with Tremco LF Adhesive)* or SBS-CA1 *(laps hot air welded or sealed with Tremco LF Adhesive)*	BP-CA1 *(laps sealed with Tremco LF Adhesive)* or SBS-CA1 *(laps hot air welded or sealed with Tremco LF Adhesive)*	-60.0
W-160.	Min. 19/32-inch plywood at max. 24-inch span	(Optional) UL Certified, Type G2 base sheet (ASTM D4601, Type II), loose laid	POWERply Heavy Duty Base Sheet	Trufast Versa Fastener (min. ¾" penetration) & Plate; 2 screws per plate installed 180° into the holes of the plate, parallel to the width-direction of the sheet*	12-inch o.c. within the min. 5-inch wide, Tremco LF Adhesive sealed side laps	(Optional) BP-AA, SBS-AA, BP-SEBS, SBS-SEBS or SBS-TA	BP-AA, SBS-AA, BP-SEBS, SBS-SEBS or SBS-TA	-67.5
	Note:	**For re-roof or recover construction, field withdrawal resistance testing (Note 11) shall yield minimum 349 lbf.*						
W-161.	Min. 19/32-inch plywood at max. 24-inch span	(Optional) UL Certified, Type G2 base sheet (ASTM D4601, Type II), loose laid	POWERply Heavy Duty Base Sheet	Tremco #15 EHD with Tremco 2" Barbed Seam Plate	6-inch o.c. within the min. 4-inch wide Tremco LF Adhesive sealed side laps	(Optional) BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-82.5
W-162.	Min. 19/32-inch plywood at max. 24-inch span	(Optional) UL Certified, Type G2 base sheet (ASTM D4601, Type II), loose laid	POWERply Heavy Duty Base Sheet	Tremco #15 EHD with Tremco 2" Barbed Seam Plate	6-inch o.c. within the min. 4-inch wide Tremco LF Adhesive sealed side laps	(Optional) BP-AA, SBS-AA, BP-SEBS, SBS-SEBS or SBS-TA	BP-AA, SBS-AA, SBS-SEBS or SBS-TA	-82.5
W-163.	Min. 19/32-inch plywood at max. 24-inch span	(Optional) UL Certified, Type G2 base sheet (ASTM D4601, Type II), loose laid	POWERply Heavy Duty Base Sheet	Tremco #15 EHD with Tremco 2" Barbed Seam Plate	6-inch o.c. within the min. 4-inch wide POWERply Endure BIO Adhesive TF sealed side laps	(Optional) BP-CA5, SBS-CA5	BP-CA5, SBS-CA5	-97.5

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TABLE 2A: STEEL DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER
REFER TO NOTE 16 FOR VAPOR BARRIER OPTIONS

System No.	Deck (Note 1)	Base Insulation Layer		Top Insulation Layer		Roof Cover (Note 15)			MDP (psf)
		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
BURMASTIC ADHESIVE OR POWERPLY STANDARD COLD ADHESIVE APPLIED BASE PLY:									
S-1.	Min. 22 ga., type B, Grade 40 steel	Min. 2-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.5-inch Structodek HD with Primed Red Coating	LRFIA or LRFIA(BG)	BP-CA1 or SBS-CA1	(Optional) One or more BP-CA1, or SBS-CA1	BP-CA1 or SBS-CA1	-37.5*
S-2.	Min. 22 ga., type B, Grade 40 steel	Min. 2-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG)	BP-CA1 or SBS-CA1	One or more BP-CA1, or SBS-CA1	BP-CA1 or SBS-CA1	-45.0*
S-3.	Min. 22 ga., type B, Grade 40 steel	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 1-inch MonoBoard Plus or Min. 2-inch TopRock DD Plus (no extrapolation permitted for ribbon attachment)	Additional Layer(s): LRFIA or LRFIA(BG) Coverboard: LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA1 or SBS-CA1	(Optional) One or more BP-CA1, or SBS-CA1	BP-CA1 or SBS-CA1	-52.5*
S-4.	Min. 22 ga., type B, Grade 40 steel	Min. 2-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG)	BP-CA1 or SBS-CA1	None	BP-CA1 or SBS-CA1	-60.0*
S-5.	Min. 22 ga., type B, Grade 40 steel	Min. 2-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA1 or SBS-CA1	None	BP-CA1 or SBS-CA1	-75.0*
S-6.	Min. 22 ga., type B, Grade 40 steel	Min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 6-inch o.c. (every deck flange)	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA1 or SBS-CA1	None	BP-CA1 or SBS-CA1	-75.0
BURMASTIC ADHESIVE MC APPLIED BASE PLY:									
S-7.	Min. 22 ga., type B, Grade 40 steel	Min. 1.5-inch Trisotech G, Trisotech CGF, Trisotech, H-Shield, Multi-Max FA3 or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.125-inch TremBoard AC	LRFIA or LRFIA(BG)	BP-CA6 or SBS-CA6	(Optional) One or more BP-CA6 or SBS-CA6	BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6	-52.5

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TABLE 2A: STEEL DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER
REFER TO NOTE 16 FOR VAPOR BARRIER OPTIONS

System No.	Deck (Note 1)	Base Insulation Layer		Top Insulation Layer		Roof Cover (Note 15)			MDP (psf)
		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
S-8.	Min. 22 ga., type B, Grade 40 steel	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.5-inch Structodek HD with Primed Red Coating or DEXcell FA Glass Mat Roof Board	Additional Layer(s): LRFIA or LRFIA(BG) Coverboard: LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA6 or SBS-CA6	(Optional) One or more BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6	BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6	-60.0
S-9.	Min. 22 ga., type B, Grade 40 steel	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 1-inch MonoBoard Plus or Min. 2-inch TopRock DD Plus (no extrapolation permitted for ribbon attachment)	Additional Layer(s): LRFIA or LRFIA(BG) Coverboard: LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA6 or SBS-CA6	(Optional) One or more BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6	BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6	-60.0*
S-10.	Min. 22 ga., type B, Grade 40 steel	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA, 12-inch o.c. (every other deck flange)	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA	BP-CA6 or SBS-CA6	(Optional) One or more BP-CA6 or SBS-CA6	BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6	-60.0
S-11.	Min. 22 ga., type B, Grade 40 steel	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield, Elevate ISOGARD GL, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA(BG), 12-inch o.c. (every other deck flange)	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA(BG)	BP-CA6 or SBS-CA6	(Optional) One or more BP-CA6 or SBS-CA6	BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6	-60.0
S-12.	Min. 22 ga., type B, Grade 80 steel	Min. 1.5-inch Trisotech G, Trisotech CGF, Trisotech, H-Shield, Multi-Max FA3 or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG)	BP-CA6 or SBS-CA6	(Optional) One or more BP-CA6 or SBS-CA6	BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6	-75.0
S-13.	Min. 22 ga., type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime, Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board, Min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	None	N/A	BP-CA6 or SBS-CA6	(Optional) One or more BP-CA6 or SBS-CA6	BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6	-97.5

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TABLE 2A: STEEL DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER
REFER TO NOTE 16 FOR VAPOR BARRIER OPTIONS

System No.	Deck (Note 1)	Base Insulation Layer		Top Insulation Layer		Roof Cover (Note 15)			MDP (psf)
		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
S-14.	Min. 22 ga., type B, Grade 40 steel	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA, 12-inch o.c. (every other deck flange)	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA, 6-inch o.c.	BP-CA6 or SBS-CA6	(Optional) One or more BP-CA6 or SBS-CA6	BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6	-97.5
S-15.	Min. 22 ga., type B, Grade 40 steel	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield, Elevate ISOGARD GL, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA(BG), 12-inch o.c. (every other deck flange)	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA(BG), 6-inch o.c.	BP-CA6 or SBS-CA6	(Optional) One or more BP-CA6 or SBS-CA6	BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6	-97.5
POWERPLY ENDURE BIO ADHESIVE TF APPLIED BASE PLY:									
S-16.	Min. 22 ga., type B, Grade 40 steel	Min. 1.5-inch Trisotech G, Trisotech CGF, Trisotech, H-Shield, Multi-Max FA3 or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.125-inch TremBoard AC	LRFIA or LRFIA(BG)	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-52.5
S-17.	Min. 22 ga., type B, Grade 40 steel	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.5-inch Structodek HD with Primed Red Coating	Additional Layer(s): LRFIA or LRFIA(BG) Coverboard: LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-60.0
S-18.	Min. 22 ga., type B, Grade 40 steel	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 1-inch MonoBoard (no extrapolation permitted for ribbon attachment)	Additional Layer(s): LRFIA or LRFIA(BG) Coverboard: LRFIA or LRFIA(BG), 6-inch o.c.	SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-60.0*
S-19.	Min. 22 ga., type B, Grade 40 steel	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 1-inch MonoBoard Plus or Min. 2-inch TopRock DD Plus (no extrapolation permitted for ribbon attachment)	Additional Layer(s): LRFIA or LRFIA(BG) Coverboard: LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-60.0*

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TABLE 2A: STEEL DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER
REFER TO NOTE 16 FOR VAPOR BARRIER OPTIONS

System No.	Deck (Note 1)	Base Insulation Layer		Top Insulation Layer		Roof Cover (Note 15)			MDP (psf)
		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
S-20.	Min. 22 ga., type B, Grade 40 steel	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA, 12-inch o.c. (every other deck flange)	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-60.0
S-21.	Min. 22 ga., type B, Grade 40 steel	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield, Elevate ISOGARD GL, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA(BG), 12-inch o.c. (every other deck flange)	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA(BG)	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-60.0
S-22.	Min. 22 ga., type B, Grade 80 steel	Min. 1.5-inch Trisotech G, Trisotech CGF, Trisotech, H-Shield, Multi-Max FA3 or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG)	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-75.0
S-23.	Min. 22 ga., type B, Grade 80 steel	Min. 0.25-inch DensDeck, Deck Prime or DEXcell FA Glass Mat Roof Board	LRFIA or LRFIA(BG), 6-inch o.c. (every deck flange)	None	N/A	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-82.5*
S-24.	Min. 22 ga., type B, Grade 40 steel	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.25-inch DensDeck, Deck Prime or DEXcell FA Glass Mat Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-82.5*
S-25.	Min. 22 ga., type B, Grade 40 steel	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA, 12-inch o.c. (every other deck flange)	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.5-inch DensDeck Prime	LRFIA, 6-inch o.c.	SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-97.5
S-26.	Min. 22 ga., type B, Grade 40 steel	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA, 12-inch o.c. (every other deck flange)	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA, 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-97.5

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TABLE 2A: STEEL DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF) SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER REFER TO NOTE 16 FOR VAPOR BARRIER OPTIONS									
System No.	Deck (Note 1)	Base Insulation Layer		Top Insulation Layer		Roof Cover (Note 15)			MDP (psf)
		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
S-27.	Min. 22 ga., type B, Grade 40 steel	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield, Elevate ISOGARD GL, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA(BG), 12-inch o.c. (every other deck flange)	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.5-inch DensDeck Prime	LRFIA(BG), 6-inch o.c.	SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-97.5
S-28.	Min. 22 ga., type B, Grade 40 steel	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield, Elevate ISOGARD GL, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA(BG), 12-inch o.c. (every other deck flange)	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA(BG), 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-97.5
S-29.	Min. 22 ga., type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	None	N/A	SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-112.5
S-30.	Min. 22 ga., type B, Grade 40 steel	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board, Min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	None	N/A	SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-157.5
HOT-ASPHALT-APPLIED BASE PLY:									
S-31.	Min. 22 ga., type B, Grade 40 steel	Min. 1.5-inch Trisotech G, Trisotech CGF, Trisotech, H-Shield, Multi-Max FA3 or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.125-inch TremBoard AC	LRFIA or LRFIA(BG)	BP-AA, SBS-AA	(Optional) One or more BP-AA, SBS-AA or APP-TA	BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA	-52.5
S-32.	Min. 22 ga., type B, Grade 40 steel	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA, 12-inch o.c. (every other deck flange)	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA	BP-AA, SBS-AA	(Optional) One or more BP-AA, SBS-AA or APP-TA	BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA	-60.0

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TABLE 2A: STEEL DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER
REFER TO NOTE 16 FOR VAPOR BARRIER OPTIONS

System No.	Deck (Note 1)	Base Insulation Layer		Top Insulation Layer		Roof Cover (Note 15)			MDP (psf)
		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
S-33.	Min. 22 ga., type B, Grade 40 steel	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield, Elevate ISOGARD GL, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA(BG), 12-inch o.c. (every other deck flange)	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA(BG)	BP-AA, SBS-AA	(Optional) One or more BP-AA, SBS-AA or APP-TA	BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA	-60.0
S-34.	Min. 22 ga., type B, Grade 40 steel	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 1-inch MonoBoard Plus or Min. 2-inch TopRock DD Plus (no extrapolation permitted for ribbon attachment)	Additional Layer(s): LRFIA or LRFIA(BG) Coverboard: LRFIA or LRFIA(BG), 6-inch o.c.	BP-AA, SBS-AA	(Optional) One or more BP-AA, SBS-AA or APP-TA	BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA	-60.0*
S-35.	Min. 22 ga., type B, Grade 80 steel	Min. 1.5-inch Trisotech G, Trisotech CGF, Trisotech, H-Shield, Multi-Max FA3 or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG)	BP-AA, SBS-AA	(Optional) One or more BP-AA, SBS-AA or APP-TA	BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA	-75.0
S-36.	Min. 22 ga., type B, Grade 40 steel	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA, 12-inch o.c. (every other deck flange)	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA, 6-inch o.c.	BP-AA, SBS-AA	(Optional) One or more BP-AA, SBS-AA or APP-TA	BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA	-97.5
S-37.	Min. 22 ga., type B, Grade 40 steel	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield, Elevate ISOGARD GL, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA(BG), 12-inch o.c. (every other deck flange)	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA(BG), 6-inch o.c.	BP-AA, SBS-AA	(Optional) One or more BP-AA, SBS-AA or APP-TA	BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA	-97.5
S-38.	Min. 22 ga., type B, Grade 40 steel	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board, Min. 0.5-inch DensDeck Prime or Min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	None	N/A	BP-AA, SBS-AA	(Optional) One or more BP-AA, SBS-AA or APP-TA	BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA	-97.5

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TABLE 2A: STEEL DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF) SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER REFER TO NOTE 16 FOR VAPOR BARRIER OPTIONS									
System No.	Deck (Note 1)	Base Insulation Layer		Top Insulation Layer		Roof Cover (Note 15)			MDP (psf)
		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
S-39.	Min. 22 ga., type B, Grade 40 steel	Min. 1.5-inch Trisotech G, Trisotech CGF, Trisotech, H-Shield, Multi-Max FA3 or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.125-inch TremBoard AC	LRFIA or LRFIA(BG)	SBS-AA	(Optional) SBS-AA, SBS-TA	SBS-TA	-52.5
S-40.	Min. 22 ga., type B, Grade 40 steel	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA, 12-inch o.c. (every other deck flange)	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA	SBS-AA	(Optional) SBS-AA, SBS-TA	SBS-TA	-60.0
S-41.	Min. 22 ga., type B, Grade 40 steel	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield, Elevate ISOGARD GL, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA(BG), 12-inch o.c. (every other deck flange)	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA(BG)	SBS-AA	(Optional) SBS-AA, SBS-TA	SBS-TA	-60.0
S-42.	Min. 22 ga., type B, Grade 40 steel	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 1-inch MonoBoard Plus or Min. 2-inch TopRock DD Plus (no extrapolation permitted for ribbon attachment)	Additional Layer(s): LRFIA or LRFIA(BG) Coverboard: LRFIA or LRFIA(BG), 6-inch o.c.	SBS-AA	(Optional) SBS-AA, SBS-TA	SBS-TA	-60.0*
S-43.	Min. 22 ga., type B, Grade 80 steel	Min. 1.5-inch Trisotech G, Trisotech CGF, Trisotech, H-Shield, Multi-Max FA3 or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG)	SBS-AA	(Optional) SBS-AA, SBS-TA	SBS-TA	-75.0
S-44.	Min. 22 ga., type B, Grade 40 steel	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA, 12-inch o.c. (every other deck flange)	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA, 6-inch o.c.	SBS-AA	(Optional) SBS-AA, SBS-TA	SBS-TA	-97.5

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TABLE 2A: STEEL DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER
REFER TO NOTE 16 FOR VAPOR BARRIER OPTIONS

System No.	Deck (Note 1)	Base Insulation Layer		Top Insulation Layer		Roof Cover (Note 15)			MDP (psf)
		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
S-45.	Min. 22 ga., type B, Grade 40 steel	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield, Elevate ISOGARD GL, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA(BG), 12-inch o.c. (every other deck flange)	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA(BG), 6-inch o.c.	SBS-AA	(Optional) SBS-AA, SBS-TA	SBS-TA	-97.5
S-46.	Min. 22 ga., type B, Grade 40 steel	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board, Min. 0.5-inch DensDeck Prime or Min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	None	N/A	SBS-AA	(Optional) SBS-AA, SBS-TA	SBS-TA	-97.5
SEBS-APPLIED BASE PLY:									
S-47.	Min. 22 ga., type B, Grade 40 steel	Min. 1.5-inch Trisotech G, Trisotech CGF, Trisotech, H-Shield, Multi-Max FA3 or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.125-inch TremBoard AC	LRFIA or LRFIA(BG)	BP-SEBS or SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-52.5
S-48.	Min. 22 ga., type B, Grade 40 steel	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA, 12-inch o.c. (every other deck flange)	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA	BP-SEBS or SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-60.0
S-49.	Min. 22 ga., type B, Grade 40 steel	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield, Elevate ISOGARD GL, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA(BG), 12-inch o.c. (every other deck flange)	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA(BG)	BP-SEBS or SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-60.0
S-50.	Min. 22 ga., type B, Grade 40 steel	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 1-inch MonoBoard Plus or Min. 2-inch TopRock DD Plus (no extrapolation permitted for ribbon attachment)	Additional Layer(s): LRFIA or LRFIA(BG) Coverboard: LRFIA or LRFIA(BG), 6-inch o.c.	BP-SEBS or SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-60.0*

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TABLE 2A: STEEL DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER
REFER TO NOTE 16 FOR VAPOR BARRIER OPTIONS

System No.	Deck (Note 1)	Base Insulation Layer		Top Insulation Layer		Roof Cover (Note 15)			MDP (psf)
		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
S-51.	Min. 22 ga., type B, Grade 80 steel	Min. 1.5-inch Trisotech G, Trisotech CGF, Trisotech, H-Shield, Multi-Max FA3 or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG)	BP-SEBS or SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-75.0
S-52.	Min. 22 ga., type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	None	N/A	BP-SEBS or SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-97.5
S-53.	Min. 22 ga., type B, Grade 40 steel	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA, 12-inch o.c. (every other deck flange)	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA, 6-inch o.c.	BP-SEBS or SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-97.5
S-54.	Min. 22 ga., type B, Grade 40 steel	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield, Elevate ISOGARD GL, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA(BG), 12-inch o.c. (every other deck flange)	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA(BG), 6-inch o.c.	BP-SEBS or SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-97.5
S-55.	Min. 22 ga., type B, Grade 40 steel	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	None	N/A	BP-SEBS or SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-157.5
S-56.	Min. 22 ga., type B, Grade 40 steel	Min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	None	N/A	BP-SEBS or SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-157.5
TORCH-APPLIED BASE PLY:									
S-57.	Min. 22 ga., type B, Grade 40 steel	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA, 12-inch o.c. (every other deck flange)	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA	APP-TA, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA	-60.0

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TABLE 2A: STEEL DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF) SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER REFER TO NOTE 16 FOR VAPOR BARRIER OPTIONS									
System No.	Deck (Note 1)	Base Insulation Layer		Top Insulation Layer		Roof Cover (Note 15)			MDP (psf)
		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
S-58.	Min. 22 ga., type B, Grade 40 steel	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield, Elevate ISOGARD GL, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA(BG), 12-inch o.c. (every other deck flange)	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA(BG)	APP-TA, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA	-60.0
S-59.	Min. 22 ga., type B, Grade 40 steel	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 1-inch MonoBoard Plus or Min. 2-inch TopRock DD Plus (no extrapolation permitted for ribbon attachment)	Additional Layer(s): LRFIA or LRFIA(BG) Coverboard: LRFIA or LRFIA(BG), 6-inch o.c.	SBS-TA	(Optional) SBS-TA	SBS-TA	-60.0*
S-60.	Min. 22 ga., type B, Grade 80 steel	Min. 1.5-inch Trisotech G, Trisotech CGF, Trisotech, H-Shield, Multi-Max FA3 or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG)	APP-TA, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA	-75.0
S-61.	Min. 22 ga., type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	None	N/A	APP-TA	(Optional) APP-TA	APP-TA	-97.5
S-62.	Min. 22 ga., type B, Grade 40 steel	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA, 12-inch o.c. (every other deck flange)	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA, 6-inch o.c.	APP-TA, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA	-97.5
S-63.	Min. 22 ga., type B, Grade 40 steel	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield, Elevate ISOGARD GL, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA(BG), 12-inch o.c. (every other deck flange)	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA(BG), 6-inch o.c.	APP-TA, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA	-97.5
S-64.	Min. 22 ga., type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	None	N/A	SBS-TA	(Optional) SBS-TA	SBS-TA	-112.5

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TABLE 2A: STEEL DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF) SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER REFER TO NOTE 16 FOR VAPOR BARRIER OPTIONS									
System No.	Deck (Note 1)	Base Insulation Layer		Top Insulation Layer		Roof Cover (Note 15)			MDP (psf)
		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
S-65.	Min. 22 ga., type B, Grade 40 steel	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	None	N/A	POWERply Standard Smooth HW	(Optional) SBS-TA	SBS-TA	-157.5
S-66.	Min. 22 ga., type B, Grade 40 steel	Min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	None	N/A	APP-TA	(Optional) APP-TA	APP-TA	-157.5
S-67.	Min. 22 ga., type B, Grade 40 steel	Min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	None	N/A	SBS-TA	(Optional) SBS-TA	SBS-TA	-157.5

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TABLE 2B: STEEL DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) SYSTEM TYPE A-3: BONDED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED TOP INSULATION, BONDED ROOF COVER											
System No.	Deck (Note 1)	Thermal Barrier		Primer	Vapor Barrier (Note 15)	Insulation Layer(s)		Roof Cover (Note 15)			MDP (psf)
		Type	Attach			Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
BURMASTIC ADHESIVE MC APPLIED BASE PLY:											
S-68.	Min. 22 ga., type B, Grade 40 steel	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or Min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	(Optional) ASTM D41	Base Ply: SBS-TA	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.125-inch TremBoard AC	LRFIA or LRFIA(BG)	BP-CA6 or SBS-CA6	(Optional) One or more BP-CA6 or SBS-CA6	BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6	-52.5
S-69.	Min. 22 ga., type B, Grade 40 steel	Min. 0.5-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 6-inch o.c. (every deck flange)	Tremco AVC Membrane Primer or Tremco AVC Membrane Primer (WB)	Tremco AVC Max	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.125-inch TremBoard AC or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG)	BP-CA6 or SBS-CA6	(Optional) One or more BP-CA6 or SBS-CA6	BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6	-52.5
S-70.	Min. 22 ga., type B, Grade 40 steel	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or Min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	(Optional) ASTM D41	Base Ply: SBS-TA	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG)	BP-CA6 or SBS-CA6	(Optional) One or more BP-CA6 or SBS-CA6	BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6	-67.5
POWERPLY ENDURE BIO ADHESIVE TF APPLIED BASE PLY:											
S-71.	Min. 22 ga., type B, Grade 40 steel	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or Min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	None	Base Ply: BP-CA5 or SBS-CA5	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.125-inch TremBoard AC	LRFIA or LRFIA(BG)	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-52.5

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TABLE 2B: STEEL DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) SYSTEM TYPE A-3: BONDED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED TOP INSULATION, BONDED ROOF COVER											
System No.	Deck (Note 1)	Thermal Barrier		Primer	Vapor Barrier (Note 15)	Insulation Layer(s)		Roof Cover (Note 15)			MDP (psf)
		Type	Attach			Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
S-72.	Min. 22 ga., type B, Grade 40 steel	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or Min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	(Optional) ASTM D41	Base Ply: SBS-TA	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.125-inch TremBoard AC	LRFIA or LRFIA(BG)	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-52.5
S-73.	Min. 22 ga., type B, Grade 40 steel	Min. 0.5-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 6-inch o.c. (every deck flange)	Tremco AVC Membrane Primer or Tremco AVC Membrane Primer (WB)	Tremco AVC Max	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.125-inch TremBoard AC or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG)	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-52.5
S-74.	Min. 22 ga., type B, Grade 40 steel	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or Min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	None	Base Ply: BP-CA5 or SBS-CA5	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG)	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-67.5
S-75.	Min. 22 ga., type B, Grade 40 steel	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or Min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	(Optional) ASTM D41	Base Ply: SBS-TA	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG)	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-67.5
TORCH-APPLIED BASE PLY:											

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TABLE 2B: STEEL DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) SYSTEM TYPE A-3: BONDED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED TOP INSULATION, BONDED ROOF COVER											
System No.	Deck (Note 1)	Thermal Barrier		Primer	Vapor Barrier (Note 15)	Insulation Layer(s)		Roof Cover (Note 15)			MDP (psf)
		Type	Attach			Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
S-76.	Min. 22 ga., type B, Grade 40 steel	Min. 0.5-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 6-inch o.c. (every deck flange)	Tremco AVC Membrane Primer or Tremco AVC Membrane Primer (WB)	Tremco AVC Max	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF, Trisotech, EnergyGuard Polyiso Insulation, H-Shield, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG or UltraMax Coverboard: Min. 0.5-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG)	SBS-TA	(Optional) SBS-TA	SBS-TA	-52.5
S-77.	Min. 22 ga., type B, Grade 40 steel	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or Min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	None	Base Ply: BP-CA5 or SBS-CA5	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, UltraMax Coverboard: Min. 0.5-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG)	SBS-TA	(Optional) SBS-TA	SBS-TA	-67.5
S-78.	Min. 22 ga., type B, Grade 40 steel	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or Min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	(Optional) ASTM D41	Base Ply: SBS-TA	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, UltraMax Coverboard: Min. 0.5-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG)	SBS-TA	(Optional) SBS-TA	SBS-TA	-67.5

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TABLE 2c: STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER

System No.	Deck (Note 1)	Base Insulation Layer			Top Insulation Layer (s)		Roof Cover (Note 15)			MDP (psf)
		Type	Fastener (Note 11)	Attach (Note 17)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
BURMASTIC ADHESIVE OR POWERPLY STANDARD COLD ADHESIVE APPLIED BASE PLY:										
S-79.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G, EnergyGuard Polyiso Insulation, H-Shield, Elevate ISOGARD GL	Note 2	1 per 4.0 ft²	Additional Insulation Layer(s): (Optional) Min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.5-inch Structodek HD with Primed Red Coating, min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG)	BP-CA1 or SBS-CA1	(Optional) One or more BP-CA1 or SBS-CA1	BP-CA1 or SBS-CA1	-37.5*
S-80.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch Trisotech G, EnergyGuard Polyiso Insulation, H-Shield, Elevate ISOGARD GL	Note 2	1 per 2.0 ft²	Additional Insulation Layer(s): (Optional) Min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.5-inch Structodek HD with Primed Red Coating, min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG)	BP-CA1 or SBS-CA1	(Optional) One or more BP-CA1 or SBS-CA1	BP-CA1 or SBS-CA1	-45.0*
S-81.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G	Note 2	1 per 2.0 ft²	Additional Insulation Layer(s): (Optional) Min. 1-inch Trisotech G, Trisotech CGF, Trisotech, Elevate ISOGARD CG or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA1 or SBS-CA1	(Optional) One or more BP-CA1 or SBS-CA1	BP-CA1 or SBS-CA1	-52.5
S-82.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G, Elevate ISOGARD GL, Elevate ISOGARD CG, Multi-Max FA3, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate	1 per 2.0 ft²	Additional Insulation Layer(s): (Optional) Min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 1-inch MonoBoard Plus or Min. 2-inch TopRock DD Plus (no extrapolation permitted for ribbon attachment)	Additional Layer(s): LRFIA or LRFIA(BG) Coverboard: LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA1 or SBS-CA1	(Optional) One or more BP-CA1 or SBS-CA1	BP-CA1 or SBS-CA1	-52.5*
BURMASTIC ADHESIVE MC APPLIED BASE PLY:										

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TABLE 2c: STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER

System No.	Deck (Note 1)	Base Insulation Layer			Top Insulation Layer (s)		Roof Cover (Note 15)			MDP (psf)
		Type	Fastener (Note 11)	Attach (Note 17)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
S-83.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G, EnergyGuard Polyiso Insulation, H-Shield, Elevate ISOGARD GL	Note 2	1 per 4.0 ft²	Additional Insulation Layer(s): (Optional) Min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.125-inch TremBoard AC, min. 0.5-inch Structodek HD with Primed Red Coating, min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG)	BP-CA6 or SBS-CA6	(Optional) One or more BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6	BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6	-37.5*
S-84.	Min. 22 ga., type B, Grade 40 steel	Min. 0.5-inch DensDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	Tremco #12 DP Fastener or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or ACE #12 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate	1 per 3.2 ft²	Additional Insulation Layer(s):Min. 1-inch, min. 1.35 pcf, unfaced Cellofoam Type II EPS Roof Insulation or unfaced Insulfoam II EPS Coverboard: Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG)	BP-CA6 or SBS-CA6	(Optional) One or more BP-CA6 or SBS-CA6	BP-CA6 or SBS-CA6	-45.0*
S-85.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch Trisotech G, EnergyGuard Polyiso Insulation, H-Shield, Elevate ISOGARD GL	Note 2	1 per 2.0 ft²	Additional Insulation Layer(s): (Optional) Min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.125-inch TremBoard AC, min. 0.5-inch Structodek HD with Primed Red Coating, min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG)	BP-CA6 or SBS-CA6	(Optional) One or more BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6	BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6	-45.0*
S-86.	Min. 22 ga., type B, Grade 80 steel	Min. 2-inch Insulfoam IX EPS	Tremco #12 DP Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft²	Additional Insulation Layer: Min. 1-inch Insulfoam IX EPS Coverboard: Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG)	BP-CA6 or SBS-CA6	(Optional) One or more BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6	BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6	-45.0*
S-87.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G	Note 2	1 per 2.0 ft²	Additional Insulation Layer(s): (Optional) Min. 1-inch Trisotech G, Trisotech CGF, Trisotech, Elevate ISOGARD CG or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA6 or SBS-CA6	(Optional) One or more BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6	BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6	-52.5

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TABLE 2c: STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER

System No.	Deck (Note 1)	Base Insulation Layer			Top Insulation Layer (s)		Roof Cover (Note 15)			MDP (psf)
		Type	Fastener (Note 11)	Attach (Note 17)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
S-88.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G	Note 2	1 per 2.0 ft²	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.125-inch TremBoard AC	LRFIA or LRFIA(BG)	BP-CA6 or SBS-CA6	(Optional) One or more BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6	BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6	-52.5
S-89.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G, Elevate ISOGARD GL, Elevate ISOGARD CG, Multi-Max FA3, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate	1 per 2.0 ft²	Additional Insulation Layer(s): (Optional) Min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.5-inch Structodek HD with Primed Red Coating, DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	Additional Layer(s): LRFIA or LRFIA(BG) Coverboard: LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA6 or SBS-CA6	(Optional) One or more BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6	BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6	-60.0
S-90.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G, Elevate ISOGARD GL, Elevate ISOGARD CG, Multi-Max FA3, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate	1 per 2.0 ft²	Additional Insulation Layer(s): (Optional) Min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 1-inch MonoBoard Plus or Min. 2-inch TopRock DD Plus (no extrapolation permitted for ribbon attachment)	Additional Layer(s): LRFIA or LRFIA(BG) Coverboard: LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA6 or SBS-CA6	(Optional) One or more BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6	BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6	-60.0*
S-91.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G	Note 2	1 per 1.0 ft²	Additional Insulation Layer(s): (Optional) Min. 1-inch Trisotech G, Trisotech CGF, Trisotech, Elevate ISOGARD CG or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA6 or SBS-CA6	(Optional) One or more BP-CA6 or SBS-CA6	BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6	-67.5
S-92.	Min. 22 ga., type B, Grade 80 steel	Min. 2-inch Trisotech G, Trisotech CGF or Trisotech	ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate, Dekfast DF-#15-PH3 with Dekfast PLT-R-3, Tremco #1510 XHD Fastener with Tremco Disc Ribbed 3 in. Steel Stress Plate, Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.0 ft²	Additional Insulation Layer(s): (Optional) Min. 1-inch Trisotech G , Trisotech CGF, Trisotech, Elevate ISOGARD CG or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA6 or SBS-CA6	(Optional) One or more BP-CA6 or SBS-CA6	BP-CA6 or SBS-CA6	-97.5

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TABLE 2c: STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER

System No.	Deck (Note 1)	Base Insulation Layer			Top Insulation Layer (s)		Roof Cover (Note 15)			MDP (psf)
		Type	Fastener (Note 11)	Attach (Note 17)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
S-93.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G, Elevate ISOGARD GL, Elevate ISOGARD CG, Multi-Max FA3, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate	1 per 2.0 ft²	Additional Insulation Layer(s): (Optional) Min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.5-inch Structodek HD with Primed Red Coating, DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	Hot asphalt	BP-CA6 or SBS-CA6	(Optional) One or more BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6	BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6	-60.0
S-94.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G, EnergyGuard Polyiso Insulation, H-Shield, Elevate ISOGARD GL	Tremco #1410 Fastener with Tremco Disc 3 in. Steel Stress Plate or Tremco Disc Ribbed 3 in. Steel Stress Plate or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate	1 per 1.45 ft²	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	Hot asphalt	BP-CA6 or SBS-CA6	(Optional) One or more BP-CA6 or SBS-CA6	BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6	-75.0
S-95.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, Ultra-Max	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate	1 per 1.45 ft²	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	Hot asphalt	BP-CA6 or SBS-CA6	(Optional) One or more BP-CA6 or SBS-CA6	BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6	-75.0
POWERPLY ENDURE BIO ADHESIVE TF ADHESIVE APPLIED BASE PLY:										
S-96.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G, EnergyGuard Polyiso Insulation, H-Shield, Elevate ISOGARD GL	Note 2	1 per 4.0 ft²	Additional Insulation Layer(s): (Optional) Min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.125-inch TremBoard AC, min. 0.5-inch Structodek HD with Primed Red Coating, min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG)	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-37.5*
S-97.	Min. 22 ga., type B, Grade 40 steel	Min. 0.5-inch DensDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	Tremco #12 DP Fastener or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or ACE #12 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate	1 per 3.2 ft²	Additional Insulation Layer(s):Min. 1-inch, min. 1.35 pcf, unfaced Cellofoam Type II EPS Roof Insulation or unfaced Insulfoam II EPS Coverboard: Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG)	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-45.0*

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TABLE 2c: STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER

System No.	Deck (Note 1)	Base Insulation Layer			Top Insulation Layer (s)		Roof Cover (Note 15)			MDP (psf)
		Type	Fastener (Note 11)	Attach (Note 17)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
S-98.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch Trisotech G, EnergyGuard Polyiso Insulation, H-Shield, Elevate ISOGARD GL	Note 2	1 per 2.0 ft²	Additional Insulation Layer(s): (Optional) Min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.125-inch TremBoard AC, min. 0.5-inch Structodek HD with Primed Red Coating, min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG)	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-45.0*
S-99.	Min. 22 ga., type B, Grade 80 steel	Min. 2-inch Insulfoam IX EPS	Tremco #12 DP Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft²	Additional Insulation Layer: Min. 1-inch Insulfoam IX EPS Coverboard: Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG)	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-45.0*
S-100.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G	Note 2	1 per 2.0 ft²	Additional Insulation Layer(s): (Optional) Min. 1-inch Trisotech G, Trisotech CGF, Trisotech, Elevate ISOGARD CG or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-52.5
S-101.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G	Note 2	1 per 2.0 ft²	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.125-inch TremBoard AC	LRFIA or LRFIA(BG)	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-52.5
S-102.	Min. 22 ga., type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 2.0 ft²	Min. 0.5-inch SECUROCK Gypsum Fiber Roof Board	LRFIA or LRFIA(BG)	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-52.5
S-103.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G, Elevate ISOGARD GL, Elevate ISOGARD CG, Multi-Max FA3, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate	1 per 2.0 ft²	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.5-inch Structodek HD with Primed Red Coating, DensDeck Prime or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	Additional Layer(s): LRFIA or LRFIA(BG) Coverboard: LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-60.0

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TABLE 2c: STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER

System No.	Deck (Note 1)	Base Insulation Layer			Top Insulation Layer (s)		Roof Cover (Note 15)			MDP (psf)
		Type	Fastener (Note 11)	Attach (Note 17)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
S-104.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G, Elevate ISOGARD GL, Elevate ISOGARD CG, Multi-Max FA3, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate	1 per 2.0 ft²	Additional Insulation Layer(s): (Optional) Min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 1-inch MonoBoard (no extrapolation permitted for ribbon attachment)	Additional Layer(s): LRFIA or LRFIA(BG) Coverboard: LRFIA or LRFIA(BG), 6-inch o.c.	SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-60.0*
S-105.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G, Elevate ISOGARD GL, Elevate ISOGARD CG, Multi-Max FA3, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate	1 per 2.0 ft²	Additional Insulation Layer(s): (Optional) Min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 1-inch MonoBoard Plus or Min. 2-inch TopRock DD Plus (no extrapolation permitted for ribbon attachment)	Additional Layer(s): LRFIA or LRFIA(BG) Coverboard: LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-60.0*
S-106.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G	Note 2	1 per 1.0 ft²	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-67.5
S-107.	Min. 22 ga., type B, Grade 40 steel	Min. 2-inch Trisotech G, Elevate ISOGARD CG or Styrofoam Brand Roofmate, Highload 60 or Plazamate	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate	1 per 1.3 ft²	Additional Insulation Layer(s): (Optional) Min. 1-inch Trisotech G , Trisotech CGF, Trisotech, Elevate ISOGARD CG or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-112.5
S-108.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G, Elevate ISOGARD GL, Elevate ISOGARD CG, Multi-Max FA3, Ultra-Max	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate	1 per 2.0 ft²	Additional Insulation Layer(s): (Optional) Min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, UltraMax Coverboard: Min. 0.5-inch Structodek HD with Primed Red Coating, DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	Hot asphalt	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-60.0

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TABLE 2c: STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER

System No.	Deck (Note 1)	Base Insulation Layer			Top Insulation Layer (s)		Roof Cover (Note 15)			MDP (psf)
		Type	Fastener (Note 11)	Attach (Note 17)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
S-109.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, Ultra-Max	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate	1 per 2.0 ft²	Min. 0.5-inch Structodek HD with Primed Red Coating	Hot asphalt	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-67.5
S-110.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G, EnergyGuard Polyiso Insulation, H-Shield, Elevate ISOGARD GL	Tremco #1410 Fastener with Tremco Disc 3 in. Steel Stress Plate or Tremco Disc Ribbed 3 in. Steel Stress Plate or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate	1 per 1.45 ft²	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Hot asphalt	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-75.0
S-111.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, Ultra-Max	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate	1 per 1.45 ft²	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Hot asphalt	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-75.0
HOT-ASPHALT-APPLIED BASE PLY:										
S-112.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G, EnergyGuard Polyiso Insulation, H-Shield, Elevate ISOGARD GL	Note 2	1 per 4.0 ft²	Additional Insulation Layer(s): (Optional) Min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.125-inch TremBoard AC, min. 0.5-inch Structodek HD with Primed Red Coating, min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG)	BP-AA, SBS-AA	(Optional) One or more BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA	BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA	-37.5*
S-113.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch Trisotech G, EnergyGuard Polyiso Insulation, H-Shield, Elevate ISOGARD GL	Note 2	1 per 2.0 ft²	Additional Insulation Layer(s): (Optional) Min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.125-inch TremBoard AC, min. 0.5-inch Structodek HD with Primed Red Coating, min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG)	BP-AA, SBS-AA	(Optional) One or more BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA	BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA	-45.0*

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TABLE 2c: STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER

System No.	Deck (Note 1)	Base Insulation Layer			Top Insulation Layer (s)		Roof Cover (Note 15)			MDP (psf)
		Type	Fastener (Note 11)	Attach (Note 17)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
S-114.	Min. 22 ga., type B, Grade 80 steel	Min. 2-inch Insulfoam IX EPS	Tremco #12 DP Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft²	Additional Insulation Layer: Min. 1-inch Insulfoam IX EPS Coverboard: Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG)	BP-AA, SBS-AA	(Optional) One or more BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA	BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA	-45.0*
S-115.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G	Note 2	1 per 2.0 ft²	Additional Insulation Layer(s): (Optional) Min. 1-inch Trisotech G, Trisotech CGF, Trisotech, Elevate ISOGARD CG or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-AA, SBS-AA	(Optional) One or more BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA	BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA	-52.5
S-116.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G	Note 2	1 per 2.0 ft²	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.125-inch TremBoard AC	LRFIA or LRFIA(BG)	BP-AA, SBS-AA	(Optional) One or more BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA	BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA	-52.5
S-117.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G, Elevate ISOGARD GL, Elevate ISOGARD CG, Multi-Max FA3, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate	1 per 2.0 ft²	Additional Insulation Layer(s): (Optional) Min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.5-inch Structodek HD with Primed Red Coating, DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	Additional Layer(s): LRFIA or LRFIA(BG) Coverboard: LRFIA or LRFIA(BG), 6-inch o.c.	BP-AA, SBS-AA	(Optional) One or more BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA	BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA	-60.0
S-118.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G, Elevate ISOGARD GL, Elevate ISOGARD CG, Multi-Max FA3, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate	1 per 2.0 ft²	Additional Insulation Layer(s): (Optional) Min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 1-inch MonoBoard Plus or Min. 2-inch TopRock DD Plus (no extrapolation permitted for ribbon attachment)	Additional Layer(s): LRFIA or LRFIA(BG) Coverboard: LRFIA or LRFIA(BG), 6-inch o.c.	BP-AA, SBS-AA	(Optional) One or more BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA	BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA	-60.0*

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TABLE 2c: STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER

System No.	Deck (Note 1)	Base Insulation Layer			Top Insulation Layer (s)		Roof Cover (Note 15)			MDP (psf)
		Type	Fastener (Note 11)	Attach (Note 17)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
S-119.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G	Note 2	1 per 1.0 ft²	Additional Insulation Layer(s): (Optional) Min. 1-inch Trisotech G, Trisotech CGF, Trisotech, Elevate ISOGARD CG or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-AA, SBS-AA	(Optional) One or more BP-AA, SBS-AA or APP-TA	BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA	-67.5
S-120.	Min. 22 ga., type B, Grade 40 steel	Min. 2-inch Trisotech G, Elevate ISOGARD CG or Styrofoam Brand Roofmate, Highload 60 or Plazamate	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate	1 per 1.3 ft²	Additional Insulation Layer(s): (Optional) Min. 1-inch Trisotech G , Trisotech CGF, Trisotech, Elevate ISOGARD CG or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-AA, SBS-AA	(Optional) One or more BP-AA, SBS-AA or APP-TA	BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA	-112.5
S-121.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G, Elevate ISOGARD GL, Elevate ISOGARD CG, Multi-Max FA3, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate	1 per 2.0 ft²	Additional Insulation Layer(s): (Optional) Min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.125-inch TremBoard AC, min. 0.5-inch Structodek HD with Primed Red Coating, DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	Hot asphalt	BP-AA, SBS-AA	(Optional) One or more BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA	BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA	-60.0
S-122.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G, Elevate ISOGARD GL, Elevate ISOGARD CG, Multi-Max FA3, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate	1 per 2.0 ft²	Additional Insulation Layer(s): (Optional) Min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 1-inch MonoBoard Plus or min. 2-inch TopRock DD Plus	Hot asphalt	BP-AA, SBS-AA	(Optional) One or more BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA	BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA	-60.0*
S-123.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, Ultra-Max	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate	1 per 2.0 ft²	Min. 0.125-inch TremBoard AC or min.0.5-inch Structodek HD with Primed Red Coating	Hot asphalt	BP-AA, SBS-AA	(Optional) One or more BP-AA, SBS-AA or APP-TA	BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA	-67.5

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TABLE 2c: STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER										
System No.	Deck (Note 1)	Base Insulation Layer			Top Insulation Layer (s)		Roof Cover (Note 15)			MDP (psf)
		Type	Fastener (Note 11)	Attach (Note 17)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
S-124.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G, EnergyGuard Polyiso Insulation, H-Shield, Elevate ISOGARD GL	Tremco #1410 Fastener with Tremco Disc 3 in. Steel Stress Plate or Tremco Disc Ribbed 3 in. Steel Stress Plate or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate	1 per 1.45 ft²	Min. 0.125-inch TremBoard AC or min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Hot asphalt	BP-AA, SBS-AA	(Optional) One or more BP-AA, SBS-AA or APP-TA	BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA	-75.0
S-125.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, Ultra-Max	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate	1 per 1.45 ft²	Min. 0.125-inch TremBoard AC or min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Hot asphalt	BP-AA, SBS-AA	(Optional) One or more BP-AA, SBS-AA or APP-TA	BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA	-75.0
S-126.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G, EnergyGuard Polyiso Insulation, H-Shield, Elevate ISOGARD GL	Note 2	1 per 4.0 ft²	Additional Insulation Layer(s): (Optional) Min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.125-inch TremBoard AC, min. 0.5-inch Structodek HD with Primed Red Coating, min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG)	SBS-AA	(Optional) One or more SBS-AA, SBS-TA	SBS-TA	-37.5*
S-127.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch Trisotech G, EnergyGuard Polyiso Insulation, H-Shield, Elevate ISOGARD GL	Note 2	1 per 2.0 ft²	Additional Insulation Layer(s): (Optional) Min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.125-inch TremBoard AC, min. 0.5-inch Structodek HD with Primed Red Coating, min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG)	SBS-AA	(Optional) One or more SBS-AA, SBS-TA	SBS-TA	-45.0*

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TABLE 2c: STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER

System No.	Deck (Note 1)	Base Insulation Layer			Top Insulation Layer (s)		Roof Cover (Note 15)			MDP (psf)
		Type	Fastener (Note 11)	Attach (Note 17)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
S-128.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G	Note 2	1 per 2.0 ft²	Additional Insulation Layer(s): (Optional) Min. 1-inch Trisotech G, Trisotech CGF, Trisotech, Elevate ISOGARD CG or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	SBS-AA	(Optional) One or more SBS-AA, SBS-TA	SBS-TA	-52.5
S-129.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G	Note 2	1 per 2.0 ft²	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.125-inch TremBoard AC	LRFIA or LRFIA(BG)	SBS-AA	(Optional) One or more SBS-AA, SBS-TA	SBS-TA	-52.5
S-130.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G, Elevate ISOGARD GL, Elevate ISOGARD CG, Multi-Max FA3, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate	1 per 2.0 ft²	Additional Insulation Layer(s): (Optional) Min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.5-inch Structodek HD with Primed Red Coating, DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	Additional Layer(s): LRFIA or LRFIA(BG) Coverboard: LRFIA or LRFIA(BG), 6-inch o.c.	SBS-AA	(Optional) One or more SBS-AA, SBS-TA	SBS-TA	-60.0
S-131.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G, Elevate ISOGARD GL, Elevate ISOGARD CG, Multi-Max FA3, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate	1 per 2.0 ft²	Additional Insulation Layer(s): (Optional) Min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 1-inch MonoBoard Plus or Min. 2-inch TopRock DD Plus (no extrapolation permitted for ribbon attachment)	Additional Layer(s): LRFIA or LRFIA(BG) Coverboard: LRFIA or LRFIA(BG), 6-inch o.c.	SBS-AA	(Optional) One or more SBS-AA, SBS-TA	SBS-TA	-60.0*
S-132.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G	Note 2	1 per 1.0 ft²	Additional Insulation Layer(s): (Optional) Min. 1-inch Trisotech G, Trisotech CGF, Trisotech, Elevate ISOGARD CG or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	SBS-AA	(Optional) One or more SBS-AA, SBS-TA	SBS-TA	-67.5

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TABLE 2c: STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER

System No.	Deck (Note 1)	Base Insulation Layer			Top Insulation Layer (s)		Roof Cover (Note 15)			MDP (psf)
		Type	Fastener (Note 11)	Attach (Note 17)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
S-133.	Min. 22 ga., type B, Grade 40 steel	Min. 2-inch Trisotech G, Elevate ISOGARD CG or Styrofoam Brand Roofmate, Highload 60 or Plazamate	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate	1 per 1.3 ft²	Additional Insulation Layer(s): (Optional) Min. 1-inch Trisotech G , Trisotech CGF, Trisotech, Elevate ISOGARD CG or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	SBS-AA	(Optional) One or more SBS-AA, SBS-TA	SBS-TA	-112.5
S-134.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G, Elevate ISOGARD GL, Elevate ISOGARD CG, Multi-Max FA3, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate	1 per 2.0 ft²	Additional Insulation Layer(s): (Optional) Min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.125-inch TremBoard AC, min. 0.5-inch Structodek HD with Primed Red Coating, DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	Hot asphalt	SBS-AA	(Optional) One or more SBS-AA, SBS-TA	SBS-TA	-60.0
S-135.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G, Elevate ISOGARD GL, Elevate ISOGARD CG, Multi-Max FA3, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate	1 per 2.0 ft²	Additional Insulation Layer(s): (Optional) Min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 1-inch MonoBoard Plus or min. 2-inch TopRock DD Plus	Hot asphalt	SBS-AA	(Optional) One or more SBS-AA, SBS-TA	SBS-TA	-60.0*
S-136.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, Ultra-Max	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate	1 per 2.0 ft²	Min. 0.125-inch TremBoard AC or min. 0.5-inch Structodek HD with Primed Red Coating	Hot asphalt	SBS-AA	(Optional) One or more SBS-AA, SBS-TA	SBS-TA	-67.5
S-137.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G, EnergyGuard Polyiso Insulation, H-Shield, Elevate ISOGARD GL	Tremco #1410 Fastener with Tremco Disc 3 in. Steel Stress Plate or Tremco Disc Ribbed 3 in. Steel Stress Plate or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate	1 per 1.45 ft²	Min. 0.125-inch TremBoard AC or min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Hot asphalt	SBS-AA	(Optional) One or more SBS-AA, SBS-TA	SBS-TA	-75.0

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TABLE 2c: STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER

System No.	Deck (Note 1)	Base Insulation Layer			Top Insulation Layer (s)		Roof Cover (Note 15)			MDP (psf)
		Type	Fastener (Note 11)	Attach (Note 17)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
S-138.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, Ultra-Max	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate	1 per 1.45 ft²	Min. 0.125-inch TremBoard AC or min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Hot asphalt	SBS-AA	(Optional) One or more SBS-AA, SBS-TA	SBS-TA	-75.0
SEBS-APPLIED BASE PLY:										
S-139.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G, EnergyGuard Polyiso Insulation, H-Shield, Elevate ISOGARD GL	Note 2	1 per 4.0 ft²	Additional Insulation Layer(s): (Optional) Min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.125-inch TremBoard AC, min. 0.5-inch Structodek HD with Primed Red Coating, min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG)	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-37.5*
S-140.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch Trisotech G, EnergyGuard Polyiso Insulation, H-Shield, Elevate ISOGARD GL	Note 2	1 per 2.0 ft²	Additional Insulation Layer(s): (Optional) Min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.125-inch TremBoard AC, min. 0.5-inch Structodek HD with Primed Red Coating, min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG)	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-45.0*
S-141.	Min. 22 ga., type B, Grade 80 steel	Min. 2-inch Insulfoam IX EPS	Tremco #12 DP Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft²	Additional Insulation Layer: Min. 1-inch Insulfoam IX EPS Coverboard: Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG)	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-45.0*
S-142.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G	Note 2	1 per 2.0 ft²	Additional Insulation Layer(s): (Optional) Min. 1-inch Trisotech G, Trisotech CGF, Trisotech, Elevate ISOGARD CG or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-52.5

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TABLE 2C: STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER

System No.	Deck (Note 1)	Base Insulation Layer			Top Insulation Layer (s)		Roof Cover (Note 15)			MDP (psf)
		Type	Fastener (Note 11)	Attach (Note 17)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
S-143.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G	Note 2	1 per 2.0 ft²	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.125-inch TremBoard AC	LRFIA or LRFIA(BG)	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-52.5
S-144.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G, Elevate ISOGARD GL, Elevate ISOGARD CG, Multi-Max FA3, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate	1 per 2.0 ft²	Additional Insulation Layer(s): (Optional) Min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.5-inch Structodek HD with Primed Red Coating, DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	Additional Layer(s): LRFIA or LRFIA(BG) Coverboard: LRFIA or LRFIA(BG), 6-inch o.c.	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-60.0
S-145.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G, Elevate ISOGARD GL, Elevate ISOGARD CG, Multi-Max FA3, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate	1 per 2.0 ft²	Additional Insulation Layer(s): (Optional) Min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 1-inch MonoBoard Plus or min. 2-inch TopRock DD Plus (no extrapolation permitted for ribbon attachment)	Additional Layer(s): LRFIA or LRFIA(BG) Coverboard: LRFIA or LRFIA(BG), 6-inch o.c.	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-60.0*
S-146.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G	Note 2	1 per 1.0 ft²	Additional Insulation Layer(s): (Optional) Min. 1-inch Trisotech G, Trisotech CGF, Trisotech, Elevate ISOGARD CG or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-67.5
S-147.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G, Elevate ISOGARD CG or Styrofoam Brand Roofmate, Highload 60 or Plazamate	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate	1 per 1.3 ft²	Additional Insulation Layer(s): (Optional) Min. 1-inch Trisotech G, Trisotech CGF, Trisotech, Elevate ISOGARD CG or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-112.5

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TABLE 2c: STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER

System No.	Deck (Note 1)	Base Insulation Layer			Top Insulation Layer (s)		Roof Cover (Note 15)			MDP (psf)
		Type	Fastener (Note 11)	Attach (Note 17)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
S-148.	Min. 22 ga., type B, Grade 80 steel	Min. 2-inch Trisotech G, Trisotech, H-Shield or Multi-Max FA3	ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate, Dekfast DF-#15-PH3 with PLT-R-3, OMG XHD with OMG 3 in. Galvalume Steel Plate or 3 in. Ribbed Galvalume Plate, Trufast #15 EHD with Trufast 3" Metal Insulation Plate	1 per 1.0 ft²	Min. 0.125-inch TremBoard AC or min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 4-inch o.c.	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-135.0
S-149.	Min. 22 ga., type B, Grade 80 steel	Min. 2-inch Styrofoam Brand Roofmate, Highload 60 or Plazamate	Trufast #15 EHD with Trufast 3" Metal Insulation Plate or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate,	1 per 1.0 ft²	Min. 0.125-inch TremBoard AC or min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 4-inch o.c.	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-135.0
S-150.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G, Elevate ISOGARD GL, Elevate ISOGARD CG, Multi-Max FA3, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate	1 per 2.0 ft²	Additional Insulation Layer(s): (Optional) Min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.125-inch TremBoard AC, min. 0.5-inch Structodek HD with Primed Red Coating, DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	Hot asphalt	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-60.0
S-151.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G, Elevate ISOGARD GL, Elevate ISOGARD CG, Multi-Max FA3, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate	1 per 2.0 ft²	Additional Insulation Layer(s): (Optional) Min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 1-inch MonoBoard Plus or min. 2-inch TopRock DD Plus	Hot asphalt	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-60.0*
S-152.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, Ultra-Max	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate	1 per 2.0 ft²	Min. 0.125-inch TremBoard AC or min. 0.5-inch Structodek HD with Primed Red Coating	Hot asphalt	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-67.5

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TABLE 2c: STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER

System No.	Deck (Note 1)	Base Insulation Layer			Top Insulation Layer (s)		Roof Cover (Note 15)			MDP (psf)
		Type	Fastener (Note 11)	Attach (Note 17)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
S-153.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G, EnergyGuard Polyiso Insulation, H-Shield, Elevate ISOGARD GL	Tremco #1410 Fastener with Tremco Disc 3 in. Steel Stress Plate or Tremco Disc Ribbed 3 in. Steel Stress Plate or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate	1 per 1.45 ft²	Min. 0.125-inch TremBoard AC or min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Hot asphalt	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-75.0
S-154.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, Ultra-Max	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate	1 per 1.45 ft²	Min. 0.125-inch TremBoard AC or min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Hot asphalt	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-75.0
TORCH-APPLIED BASE PLY:										
S-155.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G	Note 2	1 per 4.0 ft²	Additional Insulation Layer(s): (Optional) Min. 1-inch Trisotech G, Trisotech CGF, Trisotech, Elevate ISOGARD CG or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG)	APP-TA, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA	-37.5*
S-156.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch Trisotech G	Note 2	1 per 2.0 ft²	Additional Insulation Layer(s): (Optional) Min. 1-inch Trisotech G, Trisotech CGF, Trisotech, Elevate ISOGARD CG or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG)	APP-TA, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA	-45.0*
S-157.	Min. 22 ga., type B, Grade 80 steel	Min. 2-inch Insulfoam IX EPS	Tremco #12 DP Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft²	Additional Insulation Layer: Min. 1-inch Insulfoam IX EPS Coverboard: Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG)	APP-TA, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA	-45.0*
S-158.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G	Note 2	1 per 2.0 ft²	Additional Insulation Layer(s): (Optional) Min. 1-inch Trisotech G, Trisotech CGF, Trisotech, Elevate ISOGARD CG or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	APP-TA, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA	-52.5

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TABLE 2c: STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER

System No.	Deck (Note 1)	Base Insulation Layer			Top Insulation Layer (s)		Roof Cover (Note 15)			MDP (psf)
		Type	Fastener (Note 11)	Attach (Note 17)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
S-159.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G, Elevate ISOGARD GL, Elevate ISOGARD CG, Multi-Max FA3, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate	1 per 2.0 ft²	Additional Insulation Layer(s): (Optional) Min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	Additional Layer(s): LRFIA or LRFIA(BG) Coverboard: LRFIA or LRFIA(BG), 6-inch o.c.	APP-TA, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA	-60.0
S-160.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G, Elevate ISOGARD GL, Elevate ISOGARD CG, Multi-Max FA3, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate	1 per 2.0 ft²	Additional Insulation Layer(s): (Optional) Min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 1-inch Monoboard Plus or min. 2-inch TopRock DD Plus (no extrapolation permitted for ribbon attachment)	Additional Layer(s): LRFIA or LRFIA(BG) Coverboard: LRFIA or LRFIA(BG), 6-inch o.c.	SBS-TA	(Optional) SBS-TA	SBS-TA	-60.0*
S-161.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G	Note 2	1 per 1.0 ft²	Additional Insulation Layer(s): (Optional) Min. 1-inch Trisotech G, Trisotech CGF, Trisotech, Elevate ISOGARD CG or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	APP-TA, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA	-67.5
S-162.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G, Elevate ISOGARD CG or Styrofoam Brand Roofmate, Highload 60 or Plazamate	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate	1 per 1.3 ft²	Additional Insulation Layer(s): (Optional) Min. 1-inch Trisotech G, Trisotech CGF, Trisotech, Elevate ISOGARD CG or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	APP-TA, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA	-112.5
S-163.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G, Elevate ISOGARD GL, Elevate ISOGARD CG, Multi-Max FA3, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate	1 per 2.0 ft²	Additional Insulation Layer(s): (Optional) Min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	Hot asphalt	APP-TA, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA	-60.0

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TABLE 2c: STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER

System No.	Deck (Note 1)	Base Insulation Layer			Top Insulation Layer (s)		Roof Cover (Note 15)			MDP (psf)
		Type	Fastener (Note 11)	Attach (Note 17)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
S-164.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G, Elevate ISOGARD GL, Elevate ISOGARD CG, Multi-Max FA3, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate	1 per 2.0 ft²	Additional Insulation Layer(s): (Optional) Min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 1-inch Monoboard Plus or min. 2-inch TopRock DD Plus	Hot asphalt	SBS-TA	(Optional) SBS-TA	SBS-TA	-60.0*
S-165.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G, EnergyGuard Polyiso Insulation, H-Shield, Elevate ISOGARD GL	Tremco #1410 Fastener with Tremco Disc 3 in. Steel Stress Plate or Tremco Disc Ribbed 3 in. Steel Stress Plate or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate	1 per 1.45 ft²	Min. 0.25-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board	Hot asphalt	APP-TA, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA	-75.0
S-166.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, Ultra-Max	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate	1 per 1.45 ft²	Min. 0.25-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board	Hot asphalt	APP-TA, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA	-75.0

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TABLE 2D: STEEL DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF)
SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED TOP INSULATION, BONDED ROOF COVER

System No.	Deck (Note 1)	Thermal Barrier			Vapor Barrier (Note 15)	Insulation Layer(s)		Roof Cover (Note 15)			MDP (psf)
		Type	Fastener (Note 11)	Attach (Note 17)		Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
BURMASTIC ADHESIVE OR POWERPLY STANDARD COLD ADHESIVE APPLIED BASE PLY:											
S-167.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate	1 per 3.2 ft²	Base Ply: One or two plies, BP-CA6, SBS-CA6 or SBS-TA	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime, SECUROCK Gypsum Fiber Roof Board, Structodek HD with Primed Red Coating or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG)	BP-CA1 or SBS-CA1	(Optional) One or more BP-CA1 or SBS-CA1	BP-CA1 or SBS-CA1	-45.0*
S-168.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate	1 per 3.2 ft²	AVC Primer followed by AVC	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime, SECUROCK Gypsum Fiber Roof Board, Structodek HD with Primed Red Coating or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG)	BP-CA1 or SBS-CA1	(Optional) One or more BP-CA1 or SBS-CA1	BP-CA1 or SBS-CA1	-45.0*
S-169.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate	1 per 3.2 ft²	AVC Primer or AVC Primer (WB) followed by AVC Max	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime, SECUROCK Gypsum Fiber Roof Board, Structodek HD with Primed Red Coating or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG)	BP-CA1 or SBS-CA1	(Optional) One or more BP-CA1 or SBS-CA1	BP-CA1 or SBS-CA1	-45.0*
S-170.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate	1 per 2.0 ft²	AVC Primer followed by AVC or AVC Primer or AVC Primer (WB) followed by AVC Max	Insulation Layer(s): (Optional) One or more, min. 1-inch Trisotech G, Trisotech CGF or Trisotech Coverboard: Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board	LRFIA or LRFIA(BG)	BP-CA1 or SBS-CA1	None	BP-CA1 or SBS-CA1	-52.5*

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TABLE 2D: STEEL DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF)
SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED TOP INSULATION, BONDED ROOF COVER

System No.	Deck (Note 1)	Thermal Barrier			Vapor Barrier (Note 15)	Insulation Layer(s)		Roof Cover (Note 15)			MDP (psf)
		Type	Fastener (Note 11)	Attach (Note 17)		Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
S-171.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate	1 per 1.8 ft²	Base Ply: One or two plies, BP-CA6, SBS-CA6 or SBS-TA	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG or UltraMax Coverboard: Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG)	BP-CA1 or SBS-CA1	None	BP-CA1 or SBS-CA1	-60.0*
S-172.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate	1 per 2.0 ft²	Base Ply: One or two plies, BP-CA6, SBS-CA6 or SBS-TA	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG or UltraMax Coverboard: Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board	LRFIA or LRFIA(BG)	BP-CA1 or SBS-CA1	None	BP-CA1 or SBS-CA1	-67.5*
S-173.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate	1 per 2.0 ft²	Base Ply: One or two plies, BP-CA6, SBS-CA6 or SBS-TA	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG or UltraMax Coverboard: Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board	LRFIA or LRFIA(BG)	BP-CA1 or SBS-CA1	None	BP-CA1 or SBS-CA1	-67.5*
S-174.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate	1 per 1.3 ft²	Base Ply: One or two plies, BP-CA6, SBS-CA6 or SBS-TA	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG or UltraMax Coverboard: Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA1 or SBS-CA1	None	BP-CA1 or SBS-CA1	-75.0*
BURMASTIC ADHESIVE MC APPLIED BASE PLY:											
S-175.	Min. 22 ga., type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #12 DP Fastener or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or ACE #12 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate	1 per 3.2 ft²	Base Ply: One or two plies, BP-CA6, SBS-CA6 or SBS-TA	Additional Insulation Layer(s): Min. 1-inch, min. 1.35 pcf, unfaced Cellofoam Type II EPS Roof Insulation or unfaced Insulfoam II EPS, Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.125-inch TremBoard AC or min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG)	BP-CA6 or SBS-CA6	(Optional) One or more BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6	BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6	-45.0*

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TABLE 2D: STEEL DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF)
SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED TOP INSULATION, BONDED ROOF COVER

System No.	Deck (Note 1)	Thermal Barrier			Vapor Barrier (Note 15)	Insulation Layer(s)		Roof Cover (Note 15)			MDP (psf)
		Type	Fastener (Note 11)	Attach (Note 17)		Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
S-176.	Min. 22 ga., type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #12 DP Fastener or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or ACE #12 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate	1 per 3.2 ft²	AVC Primer followed by AVC	Additional Insulation Layer(s): Min. 1-inch, min. 1.35 pcf, unfaced Cellofoam Type II EPS Roof Insulation or unfaced Insulfoam II EPS, Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.125-inch TremBoard AC or min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG)	BP-CA6 or SBS-CA6	(Optional) One or more BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6	BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6	-45.0*
S-177.	Min. 22 ga., type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #12 DP Fastener or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or ACE #12 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate	1 per 3.2 ft²	AVC Primer or AVC Primer (WB) followed by AVC Max	Additional Insulation Layer(s): Min. 1-inch, min. 1.35 pcf, unfaced Cellofoam Type II EPS Roof Insulation or unfaced Insulfoam II EPS, Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.125-inch TremBoard AC or min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG)	BP-CA6 or SBS-CA6	(Optional) One or more BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6	BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6	-45.0*
S-178.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate	1 per 2.0 ft²	AVC Primer followed by AVC or AVC Primer or AVC Primer (WB) followed by AVC Max	Insulation Layer(s): (Optional) One or more, min. 1-inch Trisotech G, Trisotech CGF or Trisotech Coverboard: Min. 0.125-inch TremBoard AC or min. 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board	LRFIA or LRFIA(BG)	BP-CA6 or SBS-CA6	(Optional) One or more BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6	BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6	-52.5
S-179.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate	1 per 1.8 ft²	Base Ply: One or two plies, SBS-TA	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG)	BP-CA6 or SBS-CA6	(Optional) One or more BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6	BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6	-60.0

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TABLE 2D: STEEL DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF)
SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED TOP INSULATION, BONDED ROOF COVER

System No.	Deck (Note 1)	Thermal Barrier			Vapor Barrier (Note 15)	Insulation Layer(s)		Roof Cover (Note 15)			MDP (psf)
		Type	Fastener (Note 11)	Attach (Note 17)		Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
S-180.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate	1 per 2.0 ft²	Base Ply: One or two plies, SBS-TA	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG)	BP-CA6 or SBS-CA6	(Optional) One or more BP-CA6 or SBS-CA6	BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6	-67.5
S-181.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board	Dekfast #14 with Dekfast PLT-R-3	1 per 2.0 ft²	Base Ply: One or two plies, SBS-TA	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG)	BP-CA6 or SBS-CA6	(Optional) One or more BP-CA6 or SBS-CA6	BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6	-67.5
S-182.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate	1 per 2.0 ft²	Base Ply: One or two plies, SBS-TA	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG)	BP-CA6 or SBS-CA6	(Optional) One or more BP-CA6 or SBS-CA6	BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6	-67.5
S-183.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate	1 per 1.3 ft²	Base Ply: One or two plies, SBS-TA	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA6 or SBS-CA6	(Optional) One or more BP-CA6 or SBS-CA6	BP-CA6 or SBS-CA6	-90.0
POWERPLY ENDURE BIO ADHESIVE TF APPLIED BASE PLY:											

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TABLE 2D: STEEL DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF)
SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED TOP INSULATION, BONDED ROOF COVER

System No.	Deck (Note 1)	Thermal Barrier			Vapor Barrier (Note 15)	Insulation Layer(s)		Roof Cover (Note 15)			MDP (psf)
		Type	Fastener (Note 11)	Attach (Note 17)		Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
S-184.	Min. 22 ga., type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #12 DP Fastener or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or ACE #12 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate	1 per 3.2 ft²	Base Ply: One or two plies, BP-CA5, SBS-CA5 or SBS-TA	Additional Insulation Layer(s): Min. 1-inch, min. 1.35 pcf, unfaced Cellofoam Type II EPS Roof Insulation or unfaced Insulfoam II EPS, Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.125-inch TremBoard AC or min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG)	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-45.0*
S-185.	Min. 22 ga., type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #12 DP Fastener or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or ACE #12 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate	1 per 3.2 ft²	AVC Primer followed by AVC	Additional Insulation Layer(s): Min. 1-inch, min. 1.35 pcf, unfaced Cellofoam Type II EPS Roof Insulation or unfaced Insulfoam II EPS, Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.125-inch TremBoard AC or min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG)	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-45.0*
S-186.	Min. 22 ga., type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #12 DP Fastener or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or ACE #12 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate	1 per 3.2 ft²	AVC Primer or AVC Primer (WB) followed by AVC Max	Additional Insulation Layer(s): Min. 1-inch, min. 1.35 pcf, unfaced Cellofoam Type II EPS Roof Insulation or unfaced Insulfoam II EPS, Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.125-inch TremBoard AC or min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG)	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-45.0*
S-187.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate	1 per 2.0 ft²	AVC Primer followed by AVC or AVC Primer or AVC Primer (WB) followed by AVC Max	Insulation Layer(s): (Optional) One or more, min. 1-inch Trisotech G, Trisotech CGF or Trisotech Coverboard: Min. 0.125-inch TremBoard AC or min. 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board	LRFIA or LRFIA(BG)	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-52.5

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TABLE 2D: STEEL DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF)
SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED TOP INSULATION, BONDED ROOF COVER

System No.	Deck (Note 1)	Thermal Barrier			Vapor Barrier (Note 15)	Insulation Layer(s)		Roof Cover (Note 15)			MDP (psf)
		Type	Fastener (Note 11)	Attach (Note 17)		Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
S-188.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate	1 per 1.8 ft²	Base Ply: One or two plies, BP-CA5, SBS-CA5 or SBS-TA	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG)	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-60.0
S-189.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate	1 per 2.0 ft²	Base Ply: One or two plies, BP-CA5, SBS-CA5 or SBS-TA	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG)	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-67.5
S-190.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board	Dekfast #14 with Dekfast PLT-R-3	1 per 2.0 ft²	Base Ply: One or two plies, BP-CA5, SBS-CA5 or SBS-TA	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG)	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-67.5
S-191.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate	1 per 2.0 ft²	Base Ply: One or two plies, BP-CA5, SBS-CA5 or SBS-TA	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG)	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-67.5

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TABLE 2D: STEEL DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF)
SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED TOP INSULATION, BONDED ROOF COVER

System No.	Deck (Note 1)	Thermal Barrier			Vapor Barrier (Note 15)	Insulation Layer(s)		Roof Cover (Note 15)			MDP (psf)
		Type	Fastener (Note 11)	Attach (Note 17)		Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
S-192.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate	1 per 1.3 ft²	Base Ply: One or two plies, BP-CA5, SBS-CA5 or SBS-TA	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.5-inch DensDeck, DensDeck Prime	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-82.5
S-193.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate	1 per 1.3 ft²	Base Ply: One or two plies, BP-CA5, SBS-CA5 or SBS-TA	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.5-inch SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-90.0
HOT-ASPHALT-APPLIED BASE PLY:											
S-194.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate	1 per 2.0 ft²	AVC Primer followed by AVC or AVC Primer or AVC Primer (WB) followed by AVC Max	Insulation Layer(s): (Optional) One or more, min. 1-inch Trisotech G, Trisotech CGF or Trisotech Coverboard: Min. 0.125-inch TremBoard AC or min. 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board	LRFIA or LRFIA(BG)	BP-AA, SBS-AA	(Optional) One or more BP-AA, SBS-AA or APP-TA	BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA	-52.5
S-195.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate	1 per 2.0 ft²	Base Ply: One or two plies, SBS-TA	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG)	BP-AA, SBS-AA	(Optional) One or more BP-AA, SBS-AA or APP-TA	BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA	-67.5
S-196.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board	Dekfast #14 with Dekfast PLT-R-3	1 per 2.0 ft²	Base Ply: One or two plies, SBS-TA	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG)	BP-AA, SBS-AA	(Optional) One or more BP-AA, SBS-AA or APP-TA	BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA	-67.5

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TABLE 2D: STEEL DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF)
SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED TOP INSULATION, BONDED ROOF COVER

System No.	Deck (Note 1)	Thermal Barrier			Vapor Barrier (Note 15)	Insulation Layer(s)		Roof Cover (Note 15)			MDP (psf)
		Type	Fastener (Note 11)	Attach (Note 17)		Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
S-197.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate	1 per 2.0 ft²	Base Ply: One or two plies, SBS-TA	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG)	BP-AA, SBS-AA	(Optional) One or more BP-AA, SBS-AA or APP-TA	BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA	-67.5
S-198.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate	1 per 1.3 ft²	Base Ply: One or two plies, SBS-TA	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-AA, SBS-AA	(Optional) One or more BP-AA, SBS-AA or APP-TA	BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA	-90.0
S-199.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate	1 per 2.0 ft²	AVC Primer followed by AVC or AVC Primer or AVC Primer (WB) followed by AVC Max	Insulation Layer(s): (Optional) One or more, min. 1-inch Trisotech G, Trisotech CGF or Trisotech Coverboard: Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board	LRFIA or LRFIA(BG)	SBS-AA	(Optional) One or more SBS-AA, SBS-TA	SBS-TA	-52.5
S-200.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate	1 per 2.0 ft²	Base Ply: One or two plies, SBS-TA	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG)	SBS-AA	(Optional) One or more SBS-AA, SBS-TA	SBS-TA	-67.5
S-201.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board	Dekfast #14 with Dekfast PLT-R-3	1 per 2.0 ft²	Base Ply: One or two plies, SBS-TA	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG)	SBS-AA	(Optional) One or more SBS-AA, SBS-TA	SBS-TA	-67.5

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TABLE 2D: STEEL DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF)
SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED TOP INSULATION, BONDED ROOF COVER

System No.	Deck (Note 1)	Thermal Barrier			Vapor Barrier (Note 15)	Insulation Layer(s)		Roof Cover (Note 15)			MDP (psf)
		Type	Fastener (Note 11)	Attach (Note 17)		Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
S-202.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate	1 per 2.0 ft²	Base Ply: One or two plies, SBS-TA	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG)	SBS-AA	(Optional) One or more SBS-AA, SBS-TA	SBS-TA	-67.5
S-203.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate	1 per 1.3 ft²	Base Ply: One or two plies, SBS-TA	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	SBS-AA	(Optional) One or more SBS-AA, SBS-TA	SBS-TA	-90.0
SEBS-APPLIED BASE PLY:											
S-204.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate	1 per 2.0 ft²	AVC Primer followed by AVC or AVC Primer or AVC Primer (WB) followed by AVC Max	Insulation Layer(s): (Optional) One or more, min. 1-inch Trisotech G, Trisotech CGF or Trisotech Coverboard: Min. 0.125-inch TremBoard AC or min. 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board	LRFIA or LRFIA(BG)	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-52.5
S-205.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate	1 per 2.0 ft²	Base Ply: One or two plies, SBS-AA or SBS-TA	Additional Insulation Layer(s): (Optional) Min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG or UltraMax Coverboard: Min. 0.125-inch TremBoard AC, min. 0.5-inch Structodek HD with Primed Red Coating, DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	Hot asphalt	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-60.0
S-206.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate	1 per 2.0 ft²	Base Ply: One or two plies, SBS-TA	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG)	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-67.5

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TABLE 2D: STEEL DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF)
SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED TOP INSULATION, BONDED ROOF COVER

System No.	Deck (Note 1)	Thermal Barrier			Vapor Barrier (Note 15)	Insulation Layer(s)		Roof Cover (Note 15)			MDP (psf)
		Type	Fastener (Note 11)	Attach (Note 17)		Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
S-207.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board	Dekfast #14 with Dekfast PLT-R-3	1 per 2.0 ft²	Base Ply: One or two plies, SBS-TA	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG)	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-67.5
S-208.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate	1 per 2.0 ft²	Base Ply: One or two plies, SBS-TA	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG)	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-67.5
S-209.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate	1 per 1.3 ft²	Base Ply: One or two plies, SBS-TA	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-90.0
TORCH-APPLIED BASE PLY:											
S-210.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate	1 per 2.0 ft²	AVC Primer followed by AVC or AVC Primer or AVC Primer (WB) followed by AVC Max	Insulation Layer(s): (Optional) One or more, min. 1-inch Trisotech G, Trisotech CGF or Trisotech Coverboard: Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board	LRFIA or LRFIA(BG)	SBS-TA	(Optional) SBS-TA	SBS-TA	-52.5
S-211.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate	1 per 1.8 ft²	Base Ply: One or two plies, SBS-TA	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG)	SBS-TA	(Optional) SBS-TA	SBS-TA	-60.0

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TABLE 2D: STEEL DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF)
SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED TOP INSULATION, BONDED ROOF COVER

System No.	Deck (Note 1)	Thermal Barrier			Vapor Barrier (Note 15)	Insulation Layer(s)		Roof Cover (Note 15)			MDP (psf)
		Type	Fastener (Note 11)	Attach (Note 17)		Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
S-212.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate	1 per 2.0 ft²	Base Ply: One or two plies, SBS-TA	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.5-inch DensDeck Prime, DEXCell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG)	SBS-TA	(Optional) SBS-TA	SBS-TA	-67.5
S-213.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board	Dekfast #14 with Dekfast PLT-R-3	1 per 2.0 ft²	Base Ply: One or two plies, SBS-TA	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.5-inch DensDeck Prime, DEXCell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG)	SBS-TA	(Optional) SBS-TA	SBS-TA	-67.5
S-214.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate	1 per 2.0 ft²	Base Ply: One or two plies, SBS-TA	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.5-inch DensDeck Prime, DEXCell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG)	SBS-TA	(Optional) SBS-TA	SBS-TA	-67.5
S-215.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate	1 per 1.3 ft²	Base Ply: One or two plies, SBS-TA	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	SBS-TA	(Optional) SBS-TA	SBS-TA	-90.0
S-216.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate	1 per 2.0 ft²	AVC Primer followed by AVC or AVC Primer or AVC Primer (WB) followed by AVC Max	Insulation Layer(s): (Optional) One or more, min. 1-inch Trisotech G, Trisotech CGF or Trisotech Coverboard: Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board	LRFIA or LRFIA(BG)	APP-TA	(Optional) APP-TA	APP-TA	-52.5

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TABLE 2D: STEEL DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED TOP INSULATION, BONDED ROOF COVER											
System No.	Deck (Note 1)	Thermal Barrier			Vapor Barrier (Note 15)	Insulation Layer(s)		Roof Cover (Note 15)			MDP (psf)
		Type	Fastener (Note 11)	Attach (Note 17)		Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
S-217.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate	1 per 2.0 ft²	Base Ply: One or two plies, SBS-TA	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.5-inch DensDeck Prime, DEXCell FA Glass Mat Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG)	APP-TA	(Optional) APP-TA	APP-TA	-67.5
S-218.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board	Dekfast #14 with Dekfast PLT-R-3	1 per 2.0 ft²	Base Ply: One or two plies, SBS-TA	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.5-inch DensDeck Prime, DEXCell FA Glass Mat Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG)	APP-TA	(Optional) APP-TA	APP-TA	-67.5
S-219.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate	1 per 2.0 ft²	Base Ply: One or two plies, SBS-TA	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.5-inch DensDeck Prime, DEXCell FA Glass Mat Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG)	APP-TA	(Optional) APP-TA	APP-TA	-67.5
S-220.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate	1 per 1.3 ft²	Base Ply: One or two plies, SBS-TA	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	APP-TA	(Optional) APP-TA	APP-TA	-90.0

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TABLE 2E: STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER

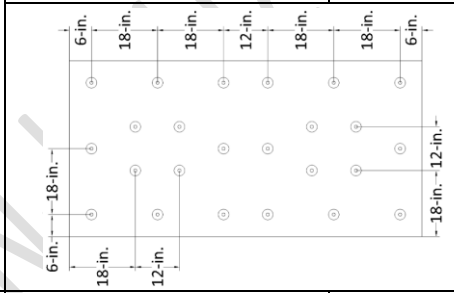
System No.	Deck (Note 1)	Base Insulation Layer (Note 3, Note 13)	Top Insulation Layer			Roof Cover (Note 15)			MDP (psf)
			Type	Fastener (Note 11)	Attach (Note 17)	Base Ply	Ply	Cap Ply	
BURMASTIC ADHESIVE OR POWERPLY STANDARD COLD ADHESIVE APPLIED BASE PLY:									
S-221.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or Structodek HD with Primed Red Coating	Note 2	1 per 2.0 ft^2	BP-CA1 or SBS-CA1	(Optional) One or more BP-CA1 or SBS-CA1	BP-CA1 or SBS-CA1	-37.5*
S-222.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 1.8 ft^2	BP-CA1 or SBS-CA1	(Optional) One or more BP-CA1 or SBS-CA1	BP-CA1 or SBS-CA1	-37.5
S-223.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or Structodek HD with Primed Red Coating	Note 2 	1 per 1.3 ft^2	BP-CA1 or SBS-CA1	(Optional) One or more BP-CA1 or SBS-CA1	BP-CA1 or SBS-CA1	-45.0
S-224.	Min. 22 ga., type B, Grade 40 steel	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 1-inch Roxul MonoBoard Plus or Min. 2-inch TopRock DD Plus	Tremco #15 EHD Fastener with Trufast Coiled Batten Bar-Deep Well (BB-20R-3-DW)	12-inch o.c. through bars spaced 18-inch o.c.	BP-CA1 or SBS-CA1	(Optional) One or more BP-CA1 or SBS-CA1	BP-CA1 or SBS-CA1	-52.5
BURMASTIC ADHESIVE MC APPLIED BASE PLY:									
S-225.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.25-inch DensDeck Prime	Note 2 or Dekfast DF-#12-PH3 (steel only) or DF-#14-PH3 with Dekfast PLT-R-3	1 per 4.0 ft^2	BP-CA6 or SBS-CA6	(Optional) One or more BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6	BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6	-30.0*
S-226.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	ACE #12 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate, Dekfast DF-#12-PH3 (steel only) or DF-#14-PH3 with Dekfast PLT-R-3, Tremco #1211 Fastener (steel only) or Tremco #1410 Fastener with Tremco Disc 3 in. Steel Stress Plate	1 per 4.0 ft^2	BP-CA6 or SBS-CA6	(Optional) One or more BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6	BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6	-30.0*

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TABLE 2E: STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER

System No.	Deck (Note 1)	Base Insulation Layer (Note 3, Note 13)	Top Insulation Layer			Roof Cover (Note 15)			MDP (psf)
			Type	Fastener (Note 11)	Attach (Note 17)	Base Ply	Ply	Cap Ply	
S-227.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 1.6 ft^2	BP-CA6 or SBS-CA6	(Optional) One or more BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6	BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6	-60.0
S-228.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 1-inch Roxul MonoBoard Plus or Min. 2-inch TopRock DD Plus	Tremco #15 EHD Fastener with Trufast Coiled Batten Bar-Deep Well (BB-20R-3-DW)	12-inch o.c. through bars spaced 18-inch o.c.	BP-CA6 or SBS-CA6	(Optional) One or more BP-CA1 or SBS-CA1	BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6	-60.0
S-229.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 1-inch Roxul MonoBoard Plus or Min. 2-inch TopRock DD Plus	Tremco #15 EHD Fastener with Trufast Coiled Batten Bar-Deep Well (BB-20R-3-DW)	12-inch o.c. through bars spaced 18-inch o.c.	BP-CA6 or SBS-CA6	(Optional) One or more BP-CA6 or SBS-CA6	BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6	-67.5
S-230.	Min. 22 ga., type B, Grade 80 steel	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.125-inch TremBoard AC	ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate, Dekfast DF-#15-PH3 with Dekfast PLT-R-3, Tremco #1510 XHD Fastener with Tremco Disc Ribbed 3 in. Steel Stress Plate or Tremco #15 EHD with Tremco 3" Metal Insulation Plate	1 per 2.0 ft^2	BP-CA6 or SBS-CA6	(Optional) One or more BP-CA6 or SBS-CA6	BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6	-67.5
S-231.	Min. 22 ga., type B, Grade 80 steel	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.5-inch DensDeck Prime	ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate, Tremco #1510 XHD Fastener with Tremco Disc Ribbed 3 in. Steel Stress Plate or Tremco #15 EHD with Tremco 3" Metal Insulation Plate	1 per 2.0 ft^2	BP-CA6 or SBS-CA6	(Optional) One or more BP-CA6 or SBS-CA6	BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6	-75.0
S-232.	Min. 22 ga., type B, Grade 80 steel	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate, Tremco #15 EHD with Tremco 3" Metal Insulation Plate	1 per 2.0 ft^2	BP-CA6 or SBS-CA6	(Optional) One or more BP-CA6 or SBS-CA6	BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6	-75.0
S-233.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.3 ft^2	BP-CA6 or SBS-CA6	(Optional) One or more BP-CA6 or SBS-CA6	BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6	-97.5
POWERPLY ENDURE BIO ADHESIVE TF APPLIED BASE PLY:									
S-234.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.25-inch DensDeck Prime	Note 2 or Dekfast DF-#12-PH3 (steel only) or DF-#14-PH3 with Dekfast PLT-R-3	1 per 4.0 ft^2	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-30.0*

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TABLE 2E: STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER									
System No.	Deck (Note 1)	Base Insulation Layer (Note 3, Note 13)	Top Insulation Layer			Roof Cover (Note 15)			MDP (psf)
			Type	Fastener (Note 11)	Attach (Note 17)	Base Ply	Ply	Cap Ply	
S-235.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	ACE #12 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate, Dekfast DF-#12-PH3 (steel only) or DF-#14-PH3 with Dekfast PLT-R-3, Tremco #1211 Fastener (steel only) or Tremco #1410 Fastener with Tremco Disc 3 in. Steel Stress Plate	1 per 4.0 ft²	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-30.0*
S-236.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.25-inch DenDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	Note 2 (min. #14 fasteners only)	1 per 2.0 ft² (16 per 4x8 ft board)	POWERply Endure 100, 200, 300 or 320 Smooth in POWERply Endure BIO Adhesive TF	(Optional) POWERply Endure 100, 200, 300 or 320 Smooth in POWERply Endure BIO Adhesive TF	POWERply Endure 100, 200, 300 or 320 FR in POWERply Endure BIO Adhesive TF	-52.5
S-237.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.5-inch Structodek HD with Primed Red Coating	Note 2 (min. #14 fasteners only)	1 per 2.0 ft² (16 per 4x8 ft board)	POWERply Endure 100, 200, 300 or 320 Smooth in POWERply Endure BIO Adhesive TF	(Optional) POWERply Endure 100, 200, 300 or 320 Smooth in POWERply Endure BIO Adhesive TF	POWERply Endure 100, 200, 300 or 320 FR in POWERply Endure BIO Adhesive TF	-60.0
S-238.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 1.6 ft²	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-60.0
S-239.	Min. 22 ga., type B, Grade 40 steel	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 1-inch Roxul MonoBoard Plus or Min. 2-inch TopRock DD Plus	Tremco #15 EHD Fastener with Trufast Coiled Batten Bar-Deep Well (BB-20R-3-DW)	12-inch o.c. through bars spaced 18-inch o.c.	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-67.5
S-240.	Min. 22 ga., type B, Grade 80 steel	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.125-inch TremBoard AC	ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate, Dekfast DF-#15-PH3 with Dekfast PLT-R-3, Tremco #1510 XHD Fastener with Tremco Disc Ribbed 3 in. Steel Stress Plate, Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft²	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-67.5

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TABLE 2E: STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER									
System No.	Deck (Note 1)	Base Insulation Layer (Note 3, Note 13)	Top Insulation Layer			Roof Cover (Note 15)			MDP (psf)
			Type	Fastener (Note 11)	Attach (Note 17)	Base Ply	Ply	Cap Ply	
S-241.	Min. 22 ga., type B, Grade 80 steel	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.5-inch DensDeck Prime	ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate, Tremco #1510 XHD Fastener with Tremco Disc Ribbed 3 in. Steel Stress Plate or Tremco #15 EHD with Tremco 3" Metal Insulation Plate	1 per 2.0 ft^2	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-75.0
S-242.	Min. 22 ga., type B, Grade 80 steel	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate, Tremco #15 EHD with Tremco 3" Metal Insulation Plate	1 per 2.0 ft^2	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-75.0
S-243.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.5-inch Dens Deck Prime	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.3 ft^2	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-82.5
S-244.	Min. 22 ga., type B, Grade 80 steel	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate, Dekfast DF-#15-PH3 with Dekfast PLT-R-3, Tremco #1510 XHD Fastener with Tremco Disc Ribbed 3 in. Steel Stress Plate, Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.0 ft^2	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-165.0
HOT-ASPHALT-APPLIED BASE PLY:									
S-245.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.25-inch DensDeck Prime	Note 2 or Dekfast DF-#12-PH3 (steel only) or DF-#14-PH3 with Dekfast PLT-R-3	1 per 4.0 ft^2	BP-AA, SBS-AA	(Optional) One or more BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA	BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA	-30.0*
S-246.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	ACE #12 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate, Dekfast DF-#12-PH3 (steel only) or DF-#14-PH3 with Dekfast PLT-R-3, Tremco #1211 Fastener (steel only) or Tremco #1410 Fastener with Tremco Disc 3 in. Steel Stress Plate	1 per 4.0 ft^2	BP-AA, SBS-AA	(Optional) One or more BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA	BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA	-30.0*
S-247.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.125-inch TremBoard AC	ACE #12 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate, Tremco #1211 Fastener (steel only) or Tremco #1410 Fastener with Tremco Disc 3 in. Steel Stress Plate or Tremco #12 DP (steel only) or Tremco #14 HD with Tremco 3" Metal Insulation Plate	1 per 4.0 ft^2	BP-AA, SBS-AA	(Optional) One or more BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA	BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA	-30.0*

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TABLE 2E: STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER									
System No.	Deck (Note 1)	Base Insulation Layer (Note 3, Note 13)	Top Insulation Layer			Roof Cover (Note 15)			MDP (psf)
			Type	Fastener (Note 11)	Attach (Note 17)	Base Ply	Ply	Cap Ply	
S-248.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.25-inch DenDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	Note 2 (min. #14 fasteners only)	1 per 2.0 ft² (16 per 4x8 ft board)	POWERply Endure 100, 200, 300 or 320 Smooth in hot asphalt	(Optional) POWERply Endure 100, 200, 300 or 320 Smooth in hot asphalt	POWERply Endure 100, 200, 300 or 320 FR in hot asphalt	-52.5
S-249.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.5-inch Structodek HD with Primed Red Coating	Note 2 (min. #14 fasteners only)	1 per 2.0 ft² (16 per 4x8 ft board)	POWERply Endure 100, 200, 300 or 320 Smooth in hot asphalt	(Optional) POWERply Endure 100, 200, 300 or 320 Smooth in hot asphalt	POWERply Endure 100, 200, 300 or 320 FR in hot asphalt	-60.0
S-250.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 1.6 ft²	BP-AA, SBS-AA	(Optional) One or more BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA	BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA	-60.0
S-251.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 1-inch Roxul MonoBoard Plus or Min. 2-inch TopRock DD Plus	Tremco #15 EHD Fastener with Trufast Coiled Batten Bar-Deep Well (BB-20R-3-DW)	12-inch o.c. through bars spaced 18-inch o.c.	BP-AA, SBS-AA	(Optional) One or more BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA	BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA	-67.5
S-252.	Min. 22 ga., type B, Grade 80 steel	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.125-inch TremBoard AC	ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate, Dekfast DF-#15-PH3 with Dekfast PLT-R-3, Tremco #1510 XHD Fastener with Tremco Disc Ribbed 3 in. Steel Stress Plate or Tremco #15 EHD with Tremco 3" Metal Insulation Plate	1 per 2.0 ft²	BP-AA, SBS-AA	(Optional) One or more BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA	BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA	-67.5
S-253.	Min. 22 ga., type B, Grade 80 steel	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.5-inch DensDeck Prime	ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate, Tremco #1510 XHD Fastener with Tremco Disc Ribbed 3 in. Steel Stress Plate or Tremco #15 EHD with Tremco 3" Metal Insulation Plate	1 per 2.0 ft²	BP-AA, SBS-AA	(Optional) One or more BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA	BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA	-75.0
S-254.	Min. 22 ga., type B, Grade 80 steel	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate, Tremco #15 EHD with Tremco 3" Metal Insulation Plate	1 per 2.0 ft²	BP-AA, SBS-AA	(Optional) One or more BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA	BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA	-75.0

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TABLE 2E: STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER

System No.	Deck (Note 1)	Base Insulation Layer (Note 3, Note 13)	Top Insulation Layer			Roof Cover (Note 15)			MDP (psf)
			Type	Fastener (Note 11)	Attach (Note 17)	Base Ply	Ply	Cap Ply	
S-255.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.5-inch DensDeck Prime	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.3 ft²	BP-AA, SBS-AA	(Optional) BP-AA, SBS-AA or APP-TA	BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA	-112.5
S-256.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.5-inch DensDeck Prime	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.0 ft²	BP-AA, SBS-AA	(Optional) BP-AA, SBS-AA or APP-TA	BP-AA, SBS-AA or APP-TA	-157.5
S-257.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.3 ft²	BP-AA, SBS-AA	(Optional) BP-AA, SBS-AA or APP-TA	BP-AA, SBS-AA or APP-TA	-157.5
S-258.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.0 ft²	BP-AA, SBS-AA	(Optional) BP-AA, SBS-AA, APP-TA	BP-AA, SBS-AA, APP-TA	-172.5
S-259.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.25-inch DensDeck Prime	Note 2 or Dekfast DF-#12-PH3 (steel only) or DF-#14-PH3 with Dekfast PLT-R-3	1 per 4.0 ft²	SBS-AA	(Optional) One or more SBS-AA, SBS-TA	SBS-TA	-30.0*
S-260.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	ACE #12 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate, Dekfast DF-#12-PH3 (steel only) or DF-#14-PH3 with Dekfast PLT-R-3, Tremco #1211 Fastener (steel only) or Tremco #1410 Fastener with Tremco Disc 3 in. Steel Stress Plate	1 per 4.0 ft²	SBS-AA	(Optional) One or more SBS-AA, SBS-TA	SBS-TA	-30.0*
S-261.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.125-inch TremBoard AC	ACE #12 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate, Tremco #1211 Fastener (steel only) or Tremco #1410 Fastener with Tremco Disc 3 in. Steel Stress Plate or Tremco #12 DP (steel only) or Tremco #14 HD with Tremco 3" Metal Insulation Plate	1 per 4.0 ft²	SBS-AA	(Optional) One or more SBS-AA, SBS-TA	SBS-TA	-30.0*
S-262.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 1.6 ft²	SBS-AA	(Optional) One or more SBS-AA, SBS-TA	SBS-TA	-60.0
S-263.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 1-inch Roxul MonoBoard Plus or Min. 2-inch TopRock DD Plus	Tremco #15 EHD Fastener with Trufast Coiled Batten Bar-Deep Well (BB-20R-3-DW)	12-inch o.c. through bars spaced 18-inch o.c.	SBS-AA	(Optional) One or more SBS-AA, SBS-TA	SBS-TA	-67.5

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TABLE 2E: STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER									
System No.	Deck (Note 1)	Base Insulation Layer (Note 3, Note 13)	Top Insulation Layer			Roof Cover (Note 15)			MDP (psf)
			Type	Fastener (Note 11)	Attach (Note 17)	Base Ply	Ply	Cap Ply	
S-264.	Min. 22 ga., type B, Grade 80 steel	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.125-inch TremBoard AC	ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate, Dekfast DF-#15-PH3 with Dekfast PLT-R-3, Tremco #1510 XHD Fastener with Tremco Disc Ribbed 3 in. Steel Stress Plate or Tremco #15 EHD with Tremco 3" Metal Insulation Plate	1 per 2.0 ft^2	SBS-AA	(Optional) One or more SBS-AA, SBS-TA	SBS-TA	-67.5
S-265.	Min. 22 ga., type B, Grade 80 steel	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.5-inch DensDeck Prime	ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate, Tremco #1510 XHD Fastener with Tremco Disc Ribbed 3 in. Steel Stress Plate or Tremco #15 EHD with Tremco 3" Metal Insulation Plate	1 per 2.0 ft^2	SBS-AA	(Optional) One or more SBS-AA, SBS-TA	SBS-TA	-75.0
S-266.	Min. 22 ga., type B, Grade 80 steel	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate, Tremco #15 EHD with Tremco 3" Metal Insulation Plate	1 per 2.0 ft^2	SBS-AA	(Optional) One or more SBS-AA, SBS-TA	SBS-TA	-75.0
S-267.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.5-inch DensDeck Prime	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.3 ft^2	SBS-AA	(Optional) One or more SBS-AA, SBS-TA	SBS-TA	-112.5
S-268.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.5-inch DensDeck Prime	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.0 ft^2	SBS-AA	(Optional) One or more SBS-AA, SBS-TA	SBS-TA	-157.5
S-269.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.3 ft^2	SBS-AA	(Optional) One or more SBS-AA, SBS-TA	SBS-TA	-157.5
S-270.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.0 ft^2	SBS-AA	(Optional) One or more SBS-AA, SBS-TA	SBS-TA	-172.5
SEBS-APPLIED BASE PLY:									
S-271.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.25-inch DensDeck Prime	Note 2 or Dekfast DF-#12-PH3 (steel only) or DF-#14-PH3 with Dekfast PLT-R-3	1 per 4.0 ft^2	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-30.0*
S-272.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	ACE #12 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate, Dekfast DF-#12-PH3 (steel only) or DF-#14-PH3 with Dekfast PLT-R-3, Tremco #1211 Fastener (steel only) or Tremco #1410 Fastener with Tremco Disc 3 in. Steel Stress Plate	1 per 4.0 ft^2	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-30.0*

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TABLE 2E: STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER

System No.	Deck (Note 1)	Base Insulation Layer (Note 3, Note 13)	Top Insulation Layer			Roof Cover (Note 15)			MDP (psf)
			Type	Fastener (Note 11)	Attach (Note 17)	Base Ply	Ply	Cap Ply	
S-273.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.125-inch TremBoard AC	ACE #12 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate, Tremco #1211 Fastener (steel only) or Tremco #1410 Fastener with Tremco Disc 3 in. Steel Stress Plate or Tremco #12 DP (steel only) or Tremco #14 HD with Tremco 3" Metal Insulation Plate	1 per 4.0 ft²	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-30.0*
S-274.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.25-inch DenDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	Note 2 (min. #14 fasteners only)	1 per 2.0 ft² (16 per 4x8 ft board)	POWERply Endure 100, 200, 300 or 320 Smooth in THERMastic 80	(Optional) POWERply Endure 100, 200, 300 or 320 Smooth in THERMastic 80	POWERply Endure 100, 200, 300 or 320 FR in THERMastic 80	-52.5
S-275.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.5-inch Structodek HD with Primed Red Coating	Note 2 (min. #14 fasteners only)	1 per 2.0 ft² (16 per 4x8 ft board)	POWERply Endure 100, 200, 300 or 320 Smooth in THERMastic 80	(Optional) POWERply Endure 100, 200, 300 or 320 Smooth in THERMastic 80	POWERply Endure 100, 200, 300 or 320 FR in THERMastic 80	-60.0
S-276.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 1.6 ft²	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-60.0
S-277.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 1-inch Roxul MonoBoard Plus or Min. 2-inch TopRock DD Plus	Tremco #15 EHD Fastener with Trufast Coiled Batten Bar-Deep Well (BB-20R-3-DW)	12-inch o.c. through bars spaced 18-inch o.c.	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-67.5
S-278.	Min. 22 ga., type B, Grade 80 steel	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.125-inch TremBoard AC	ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate, Dekfast DF-#15-PH3 with Dekfast PLT-R-3, Tremco #1510 XHD Fastener with Tremco Disc Ribbed 3 in. Steel Stress Plate or Tremco #15 EHD with Tremco 3" Metal Insulation Plate	1 per 2.0 ft²	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-67.5
S-279.	Min. 22 ga., type B, Grade 80 steel	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.5-inch DensDeck Prime	ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate, Tremco #1510 XHD Fastener with Tremco Disc Ribbed 3 in. Steel Stress Plate or Tremco #15 EHD with Tremco 3" Metal Insulation Plate	1 per 2.0 ft²	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-75.0

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TABLE 2E: STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER

System No.	Deck (Note 1)	Base Insulation Layer (Note 3, Note 13)	Top Insulation Layer			Roof Cover (Note 15)			MDP (psf)
			Type	Fastener (Note 11)	Attach (Note 17)	Base Ply	Ply	Cap Ply	
S-280.	Min. 22 ga., type B, Grade 80 steel	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate, Tremco #15 EHD with Tremco 3" Metal Insulation Plate	1 per 2.0 ft²	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-75.0
S-281.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.5-inch DensDeck Prime	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.3 ft²	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-112.5
S-282.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.5-inch DensDeck Prime	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.0 ft²	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-157.5
S-283.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.3 ft²	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-157.5
S-284.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.0 ft²	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-172.5
TORCH-APPLIED BASE PLY:									
S-285.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.25-inch DensDeck Prime	Note 2 or Dekfast DF-#12-PH3 (steel only) or DF-#14-PH3 with Dekfast PLT-R-3	1 per 4.0 ft²	APP-TA, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA	-30.0*
S-286.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	ACE #12 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate, Dekfast DF-#12-PH3 (steel only) or DF-#14-PH3 with Dekfast PLT-R-3, Tremco #1211 Fastener (steel only) or Tremco #1410 Fastener with Tremco Disc 3 in. Steel Stress Plate	1 per 4.0 ft²	APP-TA, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA	-30.0*
S-287.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate, Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 4.0 ft²	APP-TA, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA	-30.0*
S-288.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate, Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 3.2 ft²	APP-TA, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA	-45.0*
S-289.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate, Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft²	APP-TA, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA	-45.0*

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TABLE 2E: STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER									
System No.	Deck (Note 1)	Base Insulation Layer (Note 3, Note 13)	Top Insulation Layer			Roof Cover (Note 15)			MDP (psf)
			Type	Fastener (Note 11)	Attach (Note 17)	Base Ply	Ply	Cap Ply	
S-290.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 1.6 ft^2	APP-TA, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA	-60.0
S-291.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate, Tremco #14 HD Fastener or Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.8 ft^2	SBS-TA	(Optional) SBS-TA	SBS-TA	-60.0
S-292.	Min. 22 ga., type B, Grade 40 steel	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 1-inch Roxul MonoBoard Plus	Tremco #15 EHD Fastener with Trufast Coiled Batten Bar-Deep Well (BB-20R-3-DW)	12-inch o.c. through bars spaced 18-inch o.c.	SBS-TA	(Optional) SBS-TA	SBS-TA	-67.5
S-293.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	None	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate, Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.3 ft^2	SBS-TA	(Optional) SBS-TA	SBS-TA	-67.5
S-294.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate, Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.3 ft^2	SBS-TA	(Optional) SBS-TA	SBS-TA	-75.0
S-295.	Min. 22 ga., type B, Grade 80 steel	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.5-inch DensDeck Prime	ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate, Tremco #1510 XHD Fastener with Tremco Disc Ribbed 3 in. Steel Stress Plate or Tremco #15 EHD with Tremco 3" Metal Insulation Plate	1 per 2.0 ft^2	APP-TA, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA	-75.0
S-296.	Min. 22 ga., type B, Grade 80 steel	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate, Tremco #15 EHD with Tremco 3" Metal Insulation Plate	1 per 2.0 ft^2	APP-TA, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA	-75.0
S-297.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.5-inch DensDeck Prime	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.3 ft^2	APP-TA, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA	-112.5
S-298.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.5-inch DensDeck Prime	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.0 ft^2	APP-TA, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA	-157.5
S-299.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.3 ft^2	APP-TA, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA	-157.5

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TABLE 2E: STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER									
System No.	Deck (Note 1)	Base Insulation Layer (Note 3, Note 13)	Top Insulation Layer			Roof Cover (Note 15)			MDP (psf)
			Type	Fastener (Note 11)	Attach (Note 17)	Base Ply	Ply	Cap Ply	
S-300.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.0 ft²	APP-TA, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA	-172.5

TABLE 2F: STEEL DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER SYSTEM TYPE D-2: INSULATED, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER								
System No.	Deck (Note 1)	Insulation and/or Thermal Barrier (Note 3, Note 13)	Base Sheet			Roof Cover (Note 15)		MDP (psf)
			Type	Fastener (Note 11)	Spacing	Base Ply	Cap Ply	
BURMASTIC ADHESIVE MC APPLIED BASE PLY:								
S-301.	Min. 22 ga., type B, Grade 80 steel or min. 2,500 psi structural concrete	One or more layers, any combination, min. 2-inch total thickness, loose-laid	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate or Tremco #1410 Fastener with Tremco Disc Ribbed 3 in. Steel Stress Plate	6-inch o.c. at the min. 4-inch wide laps and 6-inch o.c. at two (2) equally spaced center rows	One or more BP-CA6 or SBS-CA6	BP-CA6 or SBS-CA6	-112.5
S-302.	Min. 22 ga., type B, Grade 80 steel or min. 2,500 psi structural concrete	One or more layers, any combination, min. 2-inch total thickness, loose-laid	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate or Dekfast DF-#15-PH3 with Dekfast PLT-R-3 or Dekfast PLT-H-2-7/8 or Tremco #1510 XHD Fastener with Tremco Disc Ribbed 3 in. Steel Stress Plate	6-inch o.c. at the min. 4-inch wide laps and 6-inch o.c. at two (2) equally spaced center rows	One or more BP-CA6 or SBS-CA6	BP-CA6 or SBS-CA6	-120.0

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TABLE 2G: STEEL DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER SYSTEM TYPE D-2: INSULATED, MECHANICALLY ATTACHED POWERFAST, BONDED ROOF COVER								
System No.	Deck (Note 1)	Insulation and/or Thermal Barrier (Note 3, Note 13)	PowerFAST (Note 15A)			Roof Cover (Note 15)		MDP (psf)
			Type	Fastener (Note 11)	Spacing	Base Ply	Cap Ply	
POWERPLY ENDURE 100 SMOOTH WITH FASTENERS/STRESS PLATES:								
S-303.	Min. 22 ga., type B, Grade 40 steel	One or more layers, any combination, min. 2-inch thick, prelim. attach	POWERply Endure 100 Smooth	Tremco #15 EHD with Tremco 2.4" Barbed Seam Plate	6-inch o.c. within the min. 5-inch wide, POWERply Endure BIO Adhesive TF sealed side laps	(Optional) POWERply Endure 100, 200, 300 or 320 Smooth in POWERply Endure BIO Adhesive TF	POWERply Endure 100, 200, 300 or 320 FR in POWERply Endure BIO Adhesive TF	-60.0
POWERPLY ENDURE 200 SMOOTH WITH FASTENERS/STRESS PLATES:								
S-304.	Min. 22 ga., type B, Grade 40 steel	One or more layers, any combination, prelim. attach	POWERply Endure 200 Smooth	Tremco #15 EHD Fastener with Tremco 2" Barbed Seam Plate or Tremco 2.4" Barbed Seam Plate	24-inch o.c. within the min. 4-inch wide (for 2" plate) or min. 5-inch wide (for 2.4" plate), POWERply Endure BIO Adhesive TF sealed sealed side laps	(Optional) BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-30.0*
S-305.	Min. 22 ga., type B, Grade 80 steel	One or more layers, any combination, prelim. attach	POWERply Endure 200 Smooth	Tremco #15 EHD Fastener with Tremco 2.4" Barbed Seam Plate	6-inch o.c. within every-third 5-inch wide side lap. Fastened laps sealed with POWERply Endure BIO Adhesive TF. 3-inch wide laps between fastened laps sealed with POWERply Endure BIO Adhesive TF.	(Optional) BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-37.5
POWERPLY ENDURE 200 SMOOTH WITH FASTENERS/BATTEN BARS:								
S-306.	Min. 22 ga., type B, Grade 80 steel	One or more layers, any combination, prelim. attach	POWERply Endure 200 Smooth	Tremco #15 EHD with Tremco Coil MB-R Recessed Batten Bar	6-inch o.c. within the min. 4-inch wide POWERply Endure BIO Adhesive TF sealed side laps	(Optional) BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-75.0
POWERPLY HEAVY DUTY BASE SHEET WITH FASTENERS/STRESS PLATES:								
S-307.	Min. 22 ga., type B, Grade 40 steel	One or more layers, any combination, prelim. attach	POWERply Heavy Duty Base Sheet	Tremco #14 HD Fastener with Tremco 2.4" Barbed Seam Plate	12-inch o.c. within the min. 4-inch wide Tremco LF Adhesive sealed side laps	(Optional) BP-CA1 *(laps sealed with Tremco LF Adhesive)* or SBS-CA1 *(laps hot air welded or sealed with Tremco LF Adhesive)*	BP-CA1 *(laps sealed with Tremco LF Adhesive)* or SBS-CA1 *(laps hot air welded or sealed with Tremco LF Adhesive)*	-45.0
S-308.	Min. 22 ga., type B, Grade 40 steel	One or more layers, any combination, prelim. attach	POWERply Heavy Duty Base Sheet	Tremco #15 EHD Fastener with Tremco 2.4" Barbed Seam Plate	12-inch o.c. within the min. 4-inch wide Tremco LF Adhesive sealed side laps	(Optional) BP-CA1 *(laps sealed with Tremco LF Adhesive)* or SBS-CA1 *(laps hot air welded or sealed with Tremco LF Adhesive)*	BP-CA1 *(laps sealed with Tremco LF Adhesive)* or SBS-CA1 *(laps hot air welded or sealed with Tremco LF Adhesive)*	-60.0
S-309.	Min. 22 ga., type B, Grade 40 steel	One or more layers, any combination, prelim. attach	POWERply Heavy Duty Base Sheet	Tremco #15 EHD Fastener with Tremco 2.4" Barbed Seam Plate	12-inch o.c. within the min. 4-inch wide Tremco LF Adhesive sealed side laps	(Optional) BP-AA, SBS-AA, BP-SEBS, SBS-SEBS	BP-AA, SBS-AA, BP-SEBS, SBS-SEBS	-82.5
S-310.	Min. 22 ga., type B, Grade 40 steel	One or more layers, any combination, prelim. attach	POWERply Heavy Duty Base Sheet	Tremco #15 EHD Fastener with Tremco 2.4" Barbed Seam Plate	12-inch o.c. within the min. 4-inch wide Tremco LF Adhesive sealed side laps	(Optional) SBS-TA	SBS-TA	-82.5

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TABLE 2G: STEEL DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER SYSTEM TYPE D-2: INSULATED, MECHANICALLY ATTACHED POWERFAST, BONDED ROOF COVER								
System No.	Deck (Note 1)	Insulation and/or Thermal Barrier (Note 3, Note 13)	PowerFAST (Note 15A)			Roof Cover (Note 15)		MDP (psf)
			Type	Fastener (Note 11)	Spacing	Base Ply	Cap Ply	
S-311.	Min. 22 ga., type B, Grade 80 steel	One or more layers, min. 2-inch thick, any combination, loose-laid	POWERply Heavy Duty Base Sheet	Tremco #15 EHD Fastener with Tremco 2.4" Barbed Seam Plate	6-inch o.c. within the min. 5-inch wide POWERply Endure BIO Adhesive TF sealed side laps	(Optional) BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-105.0
S-312.	Min. 22 ga., type B, Grade 80 steel	One or more layers, min. 2-inch thick, any combination, loose-laid	POWERply Heavy Duty Base Sheet	Tremco #15 EHD Fastener with Tremco 2.4" Barbed Seam Plate	6-inch o.c. within the min. 5-inch wide POWERply Endure BIO Adhesive TF sealed side laps and 6-inch o.c. in one (1) center row	Base Ply: SBS-CA5 or SBS-TA Ply (Optional): SBS-CA5 or SBS-TA	SBS-CA5 or SBS-TA	-112.5
S-313.	Min. 22 ga., type B, Grade 80 steel	One or more layers, min. 2-inch thick, any combination, loose-laid	POWERply Heavy Duty Base Sheet	Tremco #15 EHD Fastener with Tremco 2.4" Barbed Seam Plate	6-inch o.c. within the min. 5-inch wide POWERply Endure BIO Adhesive TF sealed side laps and 6-inch o.c. in one (1) center row Center rows stripped-in with 6-inch wide strips of SBS-CA5	(Optional) SBS-CA5 or SBS-TA	SBS-CA5 or SBS-TA	-112.5
S-314.	Min. 22 ga., type B, Grade 40 steel	One or more layers, min. 2-inch thick, any combination, loose-laid	POWERply Heavy Duty Base Sheet	Tremco #15 EHD Fastener with Tremco 2.4" Barbed Seam Plate	6-inch o.c. within the min. 5-inch wide Tremco LF Adhesive sealed side laps and 6-inch o.c. in one (1) center row	Base Ply: SBS-TA Ply (Optional): SBS-TA	SBS-TA	-217.5
S-315.	Min. 22 ga., type B, Grade 40 steel	One or more layers, min. 2-inch thick, any combination, loose-laid	POWERply Heavy Duty Base Sheet	Tremco #15 EHD Fastener with Tremco 2.4" Barbed Seam Plate	6-inch o.c. within the min. 5-inch wideTremco LF Adhesive sealed side laps and 6-inch o.c. in one (1) center row Center rows stripped-in with 6-inch wide strips of SBS-TA	(Optional) SBS-TA	SBS-TA	-217.5
S-316.	Min. 22 ga., type B, Grade 80 steel	One or more layers, min. 2-inch thick, any combination, loose-laid	POWERply Heavy Duty Base Sheet	Tremco #15 EHD Fastener with Tremco 2.4" Barbed Seam Plate	6-inch o.c. within the min. 5-inch wide Tremco LF Adhesive sealed side laps and 6-inch o.c. in one (1) center row	Base Ply: SBS-TA Ply (Optional): SBS-TA	SBS-TA	-247.5
S-317.	Min. 22 ga., type B, Grade 80 steel	One or more layers, min. 2-inch thick, any combination, loose-laid	POWERply Heavy Duty Base Sheet	Tremco #15 EHD Fastener with Tremco 2.4" Barbed Seam Plate	6-inch o.c. within the min. 5-inch wide Tremco LF Adhesive sealed side laps and 6-inch o.c. in one (1) center row Center rows stripped-in with 6-inch wide strips of SBS-TA	(Optional) SBS-TA	SBS-TA	-247.5

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TABLE 3A: STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF) SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER REFER TO NOTE 16 FOR VAPOR BARRIER OPTIONS									
Sys. No.	Deck (Note 1)	Base Insulation Layer(s)		Top Insulation Layer		Roof Cover (Note 15)			MDP (psf)
		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
BURMASTIC ADHESIVE OR POWERPLY STANDARD COLD ADHESIVE APPLIED BASE PLY:									
C-1.	Min. 2,500 psi structural concrete	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield	LRFIA or LRFIA(BG)	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 1-inch MonoBoard Plus or Min. 2-inch TopRock DD Plus (no extrapolation permitted for ribbon attachment)	Additional Layer(s): LRFIA or LRFIA(BG) Coverboard: LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA1 or SBS-CA1	(Optional) One or more BP-CA1 or SBS-CA1	BP-CA1 or SBS-CA1	-60.0*
C-2.	Min. 2,500 psi structural concrete	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, H-Shield, Multi-Max FA3, Elevate ISOGARD CG or Ultra-Max	LRFIA or LRFIA(BG)	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch SECUROCK Cement Roof Board or Structodek HD with Primed Red Coating or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG)	BP-CA1 or SBS-CA1	(Optional) One or more BP-CA1 or SBS-CA1	BP-CA1 or SBS-CA1	-60.0
BURMASTIC ADHESIVE MC APPLIED BASE PLY:									
C-3.	Min. 2,500 psi structural concrete	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, H-Shield, Multi-Max FA3, Elevate ISOGARD CG or Ultra-Max or min. 1-inch Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG)	Min. 0.125-inch TremBoard AC, min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch SECUROCK Cement Roof Board or Structodek HD with Primed Red Coating or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG)	BP-CA6 or SBS-CA6	(Optional) One or more BP-CA1 or SBS-CA1	BP-CA1, SBS-CA1	-60.0
C-4.	Min. 2,500 psi structural concrete	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, H-Shield, Multi-Max FA3, Elevate ISOGARD CG or Ultra-Max or min. 1-inch Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG)	Min. 0.125-inch TremBoard AC or Min. 0.5-inch DensDeck or Structodek HD with Primed Red Coating	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA6 or SBS-CA6	(Optional) One or more BP-CA6 or SBS-CA6	BP-CA6 or SBS-CA6	-202.5
C-5.	Min. 2,500 psi structural concrete	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, H-Shield, Multi-Max FA3, Elevate ISOGARD CG or Ultra-Max or min. 1-inch Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG)	Min. 0.25-inch DensDeck Prime	LRFIA or LRFIA(BG)	BP-CA6 or SBS-CA6	(Optional) One or more BP-CA6 or SBS-CA6	BP-CA6 or SBS-CA6	-202.5
C-6.	Min. 2,500 psi structural concrete	Min. 1-inch Insulfoam IX EPS	LRFIA or LRFIA(BG)	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG)	BP-CA6 or SBS-CA6	(Optional) One or more BP-CA6 or SBS-CA6	BP-CA6 or SBS-CA6	-225.0

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TABLE 3A: STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF) SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER REFER TO NOTE 16 FOR VAPOR BARRIER OPTIONS									
Sys. No.	**Deck (Note 1)**	**Base Insulation Layer(s)**		**Top Insulation Layer**		**Roof Cover (Note 15)**			**MDP (psf)**
		Type	**Attach (Notes 6,7,8)**	**Type**	**Attach (Notes 6,7,8)**	**Base Ply**	**Ply**	**Cap Ply**	
C-7.	Min. 2,500 psi structural concrete	Min. 1-inch, min. 1.35 pcf, unfaced Cellofoam Type II EPS Roof Insulation or unfaced Insulfoam II EPS	LRFIA or LRFIA(BG)	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG)	BP-CA6 or SBS-CA6	(Optional) One or more BP-CA6 or SBS-CA6	BP-CA6 or SBS-CA6	-285.0
C-8.	Min. 2,500 psi structural concrete	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, H-Shield, Multi-Max FA3, Elevate ISOGARD CG or Ultra-Max or min. 1-inch Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG)	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG)	BP-CA6 or SBS-CA6	(Optional) One or more BP-CA6 or SBS-CA6	BP-CA6 or SBS-CA6	-285.0
C-9.	Min. 2,500 psi structural concrete	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, H-Shield, Multi-Max FA3, Elevate ISOGARD CG or Ultra-Max or min. 1-inch Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG), 6-inch o.c.	Min. 0.125-inch TremBoard AC or min. 0.5-inch DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA6 or SBS-CA6	(Optional) One or more BP-CA6 or SBS-CA6	BP-CA6 or SBS-CA6	-340.0
POWERPLY ENDURE BIO ADHESIVE TF APPLIED BASE PLY:									
C-10.	Min. 2,500 psi structural concrete	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield	LRFIA or LRFIA(BG)	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 1-inch MonoBoard (no extrapolation permitted for ribbon attachment)	Additional Layer(s): LRFIA or LRFIA(BG) Coverboard: LRFIA or LRFIA(BG), 6-inch o.c.	SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-60.0*
C-11.	Min. 2,500 psi structural concrete	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield	LRFIA or LRFIA(BG)	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 1-inch MonoBoard Plus or Min. 2-inch TopRock DD Plus (no extrapolation permitted for ribbon attachment)	Additional Layer(s): LRFIA or LRFIA(BG) Coverboard: LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-60.0*
C-12.	Min. 2,500 psi structural concrete	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, H-Shield, Multi-Max FA3, Elevate ISOGARD CG or Ultra-Max or min. 1-inch Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG)	Min. 0.125-inch TremBoard AC or min. 0.5-inch Structodek HD with Primed Red Coating	LRFIA or LRFIA(BG)	BP-CA5 or SBS-CA5	(Optoinal) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-165.0

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TABLE 3A: STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF) SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER REFER TO NOTE 16 FOR VAPOR BARRIER OPTIONS									
Sys. No.	Deck (Note 1)	Base Insulation Layer(s)		Top Insulation Layer		Roof Cover (Note 15)			MDP (psf)
		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
C-13.	Min. 2,500 psi structural concrete	Min. 1.5-inch Trisotech or Trisotech G	LRFIA or LRFIA(BG)	Min. 0.5-inch Structodek HD with Primed Red Coating	LRFIA or LRFIA(BG)	POWERply Endure 100, 200, 300 or 320 Smooth in POWERply Endure BIO Adhesive TF	(Optional) POWERply Endure 100, 200, 300 or 320 Smooth in POWERply Endure BIO Adhesive TF	POWERply Endure 100, 200, 300 or 320 FR in POWERply Endure BIO Adhesive TF	-217.5
C-14.	Min. 2,500 psi structural concrete	Min. 1-inch Insulfoam IX EPS	LRFIA or LRFIA(BG)	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG)	BP-CA5 or SBS-CA5	(Optoinal) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-225.0
C-15.	Min. 2,500 psi structural concrete	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, H-Shield, Multi-Max FA3, Elevate ISOGARD CG or Ultra-Max or min. 1-inch Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG)	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG)	BP-CA5 or SBS-CA5	(Optoinal) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-262.5
C-16.	Min. 2,500 psi structural concrete	Min. 1.5-inch Trisotech or Trisotech G	LRFIA or LRFIA(BG)	Min. 0.125-inch TremBoard AC or min. 0.25-inch DenDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG)	POWERply Endure 100, 200, 300 or 320 Smooth in POWERply Endure BIO Adhesive TF	(Optional) POWERply Endure 100, 200, 300 or 320 Smooth in POWERply Endure BIO Adhesive TF	POWERply Endure 100, 200, 300 or 320 FR in POWERply Endure BIO Adhesive TF	-270.0
C-17.	Min. 2,500 psi structural concrete	Min. 1-inch, min. 1.35 pcf, unfaced Cellofoam Type II EPS Roof Insulation or unfaced Insulfoam II EPS	LRFIA or LRFIA(BG)	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG)	BP-CA5, SBS-CA5	(Optional) BP-CA5, SBS-CA5	BP-CA5, SBS-CA5	-285.0
C-18.	Min. 2,500 psi structural concrete	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, H-Shield, Multi-Max FA3, Elevate ISOGARD CG or Ultra-Max or min. 1-inch Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG), 6-inch o.c.	Min. 0.125-inch TremBoard AC, min. 0.25-inch DensDeck, DensDeck Prime or DEXcell FA Glass Mat Roof Board or min. 0.5-inch Structodek HD with Primed Red Coating	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA5 or SBS-CA5	(Optoinal) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-327.5
C-19.	Min. 2,500 psi structural concrete	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, H-Shield, Multi-Max FA3, Elevate ISOGARD CG or Ultra-Max or min. 1-inch Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG), 6-inch o.c.	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA5 or SBS-CA5	(Optoinal) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-465.0

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TABLE 3A: STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF) SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER REFER TO NOTE 16 FOR VAPOR BARRIER OPTIONS									
Sys. No.	**Deck (Note 1)**	**Base Insulation Layer(s)**		**Top Insulation Layer**		**Roof Cover (Note 15)**			**MDP (psf)**
		Type	**Attach (Notes 6,7,8)**	**Type**	**Attach (Notes 6,7,8)**	**Base Ply**	**Ply**	**Cap Ply**	
C-20.	Min. 2,500 psi structural concrete	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	None	N/A	BP-CA5 or SBS-CA5	(Optoinal) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-1115.0
C-21.	Min. 2,500 psi structural concrete; ASTM D41 primed	(Optional) Min. 1.5-inch Trisotech G or Trisotech	Hot asphalt	Min. 0.125-inch TremBoard AC or min. 0.5-inch Structodek HD with Primed Red Coating, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	Hot asphalt	BP-CA5 or SBS-CA5	(Optoinal) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-180.0
HOT-ASPHALT-APPLIED BASE PLY:									
C-22.	Min. 2,500 psi structural concrete	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, H-Shield, Multi-Max FA3, Elevate ISOGARD CG or Ultra-Max or min. 1-inch Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG)	Min. 0.125-inch TremBoard AC, min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch SECUROCK Cement Roof Board or Structodek HD with Primed Red Coating or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG)	BP-AA, SBS-AA	(Optional) One or more BP-CA1 or SBS-CA1	BP-CA1, SBS-CA1	-60.0
C-23.	Min. 2,500 psi structural concrete	Min. 1-inch Insulfoam IX EPS	LRFIA or LRFIA(BG)	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG)	BP-AA, SBS-AA	(Optional) One or more BP-CA1 or SBS-CA1	BP-CA1, SBS-CA1	-60.0
C-24.	Min. 2,500 psi structural concrete	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield	LRFIA or LRFIA(BG)	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 1-inch MonoBoard Plus or Min. 2-inch TopRock DD Plus (no extrapolation permitted for ribbon attachment)	Additional Layer(s): LRFIA or LRFIA(BG) Coverboard: LRFIA or LRFIA(BG), 6-inch o.c.	BP-AA, SBS-AA	(Optional) One or more BP-AA, SBS-AA or APP-TA	BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA	-60.0*
C-25.	Min. 2,500 psi structural concrete	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, H-Shield, Multi-Max FA3, Elevate ISOGARD CG or Ultra-Max or min. 1-inch Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG)	Min. 0.125-inch TremBoard AC or min. 0.5-inch Structodek HD with Primed Red Coating	LRFIA or LRFIA(BG)	BP-AA, SBS-AA	(Optional) One BP-CA1 or SBS-CA1 or one or more BP-AA, SBS-AA or APP-TA	BP-CA1 SBS-CA1, BP-AA, SBS-AA or APP-TA	-165.0

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TABLE 3A: STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF) SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER REFER TO NOTE 16 FOR VAPOR BARRIER OPTIONS									
Sys. No.	Deck (Note 1)	Base Insulation Layer(s)		Top Insulation Layer		Roof Cover (Note 15)			MDP (psf)
		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
C-26.	Min. 2,500 psi structural concrete	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, H-Shield, Multi-Max FA3, Elevate ISOGARD CG or Ultra-Max or min. 1-inch Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG)	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG)	BP-AA, SBS-AA	(Optional) One BP-CA1 or SBS-CA1 or one or more BP-AA, SBS-AA or APP-TA	BP-CA1 SBS-CA1, BP-AA, SBS-AA or APP-TA	-180.0
C-27.	Min. 2,500 psi structural concrete; ASTM D41 primed	(Optional) Min. 1.5-inch Trisotech G or Trisotech	Hot asphalt	Min. 0.125-inch TremBoard AC or min. 0.5-inch Structodek HD with Primed Red Coating, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	Hot asphalt	BP-AA, SBS-AA	(Optional) One or more BP-CA1 or SBS-CA1	BP-CA1, SBS-CA1	-60.0
C-28.	Min. 2,500 psi structural concrete; ASTM D41 primed	(Optional) Min. 1.5-inch Trisotech G	Hot asphalt	Min. 0.125-inch TremBoard AC or min. 0.5-inch Structodek HD with Primed Red Coating or min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	Hot asphalt	BP-AA, SBS-AA	(Optional) One BP-CA1 or SBS-CA1 or one or more BP-AA, SBS-AA or APP-TA	BP-CA1 SBS-CA1, BP-AA, SBS-AA or APP-TA	-180.0
C-29.	Min. 2,500 psi structural concrete; ASTM D41 primed	(Optional) Min. 1.5-inch Trisotech or Trisotech G	Hot asphalt	Min. 0.5-inch Structodek HD with Primed Red Coating	Hot asphalt	POWERply Endure 100, 200, 300 or 320 Smooth in hot asphalt	(Optional) POWERply Endure 100, 200, 300 or 320 Smooth in hot asphalt	POWERply Endure 100, 200, 300 or 320 FR in hot asphalt	-262.5
C-30.	Min. 2,500 psi structural concrete; ASTM D41 primed	(Optional) Min. 1.5-inch Trisotech or Trisotech G	Hot asphalt	Min. 0.125-inch TremBoard AC or min. 0.25-inch DenDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	Hot asphalt	POWERply Endure 100, 200, 300 or 320 Smooth in hot asphalt	(Optional) POWERply Endure 100, 200, 300 or 320 Smooth in hot asphalt	POWERply Endure 100, 200, 300 or 320 FR in hot asphalt	-277.5
C-31.	Min. 2,500 psi structural concrete	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, H-Shield, Multi-Max FA3, Elevate ISOGARD CG or Ultra-Max or min. 1-inch Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG)	Min. 0.125-inch TremBoard AC or min. 0.5-inch Structodek HD with Primed Red Coating	LRFIA or LRFIA(BG)	SBS-AA	(Optional) One SBS-AA, SBS-TA	SBS-TA	-165.0
C-32.	Min. 2,500 psi structural concrete	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, H-Shield, Multi-Max FA3, Elevate ISOGARD CG or Ultra-Max or min. 1-inch Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG)	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG)	SBS-AA	(Optional) One SBS-AA, SBS-TA	SBS-TA	-180.0

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TABLE 3A: STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF) SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER REFER TO NOTE 16 FOR VAPOR BARRIER OPTIONS									
Sys. No.	**Deck (Note 1)**	**Base Insulation Layer(s)**		**Top Insulation Layer**		**Roof Cover (Note 15)**			**MDP (psf)**
		Type	**Attach (Notes 6,7,8)**	**Type**	**Attach (Notes 6,7,8)**	**Base Ply**	**Ply**	**Cap Ply**	
C-33.	Min. 2,500 psi structural concrete; ASTM D41 primed	(Optional) Min. 1.5-inch Trisotech G, Trisotech, Elevate ISOGARD GL or Multi-Max FA3	Hot asphalt	Min. 0.125-inch TremBoard AC or min. 0.5-inch Structodek HD with Primed Red Coating	Hot asphalt	SBS-AA	(Optional) One SBS-AA, SBS-TA	SBS-TA	-180.0
SEBS-APPLIED BASE PLY:									
C-34.	Min. 2,500 psi structural concrete	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield	LRFIA or LRFIA(BG)	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 1-inch MonoBoard Plus or Min. 2-inch TopRock DD Plus (no extrapolation permitted for ribbon attachment)	Additional Layer(s): LRFIA or LRFIA(BG) Coverboard: LRFIA or LRFIA(BG), 6-inch o.c.	BP-SEBS or SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-60.0*
C-35.	Min. 2,500 psi structural concrete	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, H-Shield, Multi-Max FA3, Elevate ISOGARD CG or Ultra-Max or min. 1-inch Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG)	Min. 0.125-inch TremBoard AC or min. 0.5-inch Structodek HD with Primed Red Coating	LRFIA or LRFIA(BG)	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-165.0
C-36.	Min. 2,500 psi structural concrete	Min. 1-inch Trisotech G, Trisotech CGF, Trisotech, EnergyGuard Polyiso Insulation, H-Shield, Elevate ISOGARD GL, Multi-Max FA-3, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG)	Min. 0.625-inch SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG)	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-195.0
C-37.	Min. 2,500 psi structural concrete	Min. 1-inch Insulfoam IX EPS	LRFIA or LRFIA(BG)	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG)	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-225.0
C-38.	Min. 2,500 psi structural concrete	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, H-Shield, Multi-Max FA3, Elevate ISOGARD CG or Ultra-Max or min. 1-inch Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG)	Min. 0.25-inch DensDeck Prime	LRFIA or LRFIA(BG)	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-262.5

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TABLE 3A: STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF) SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER REFER TO NOTE 16 FOR VAPOR BARRIER OPTIONS									
Sys. No.	**Deck** (Note 1)	**Base Insulation Layer(s)**		**Top Insulation Layer**		**Roof Cover** (Note 15)			**MDP (psf)**
		Type	**Attach** (Notes 6,7,8)	**Type**	**Attach** (Notes 6,7,8)	**Base Ply**	**Ply**	**Cap Ply**	
C-39.	Min. 2,500 psi structural concrete	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, H-Shield, Multi-Max FA3, Elevate ISOGARD CG or Ultra-Max or min. 1-inch Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG)	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG)	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-285.0
C-40.	Min. 2,500 psi structural concrete; ASTM D41 primed	(Optional) Min. 1.5-inch Trisotech G, Trisotech, Elevate ISOGARD GL or Multi-Max FA3	Hot asphalt	Min. 0.125-inch TremBoard AC or min. 0.5-inch Structodek HD with Primed Red Coating	Hot asphalt	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-180.0
C-41.	Min. 2,500 psi structural concrete; ASTM D41 primed	(Optional) Min. 1.5-inch Trisotech or Trisotech G	Hot asphalt	Min. 0.5-inch Structodek HD with Primed Red Coating	Hot asphalt	POWERply Endure 100, 200, 300 or 320 Smooth in THERMastic 80	(Optional) POWERply Endure 100, 200, 300 or 320 Smooth in THERMastic 80	POWERply Endure 100, 200, 300 or 320 FR in THERMastic 80	-262.5
C-42.	Min. 2,500 psi structural concrete; ASTM D41 primed	(Optional) Min. 1.5-inch Trisotech or Trisotech G	Hot asphalt	Min. 0.125-inch TremBoard AC or min. 0.25-inch DenDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	Hot asphalt	POWERply Endure 100, 200, 300 or 320 Smooth in THERMastic 80	(Optional) POWERply Endure 100, 200, 300 or 320 Smooth in THERMastic 80	POWERply Endure 100, 200, 300 or 320 FR in THERMastic 80	-277.5
TORCH-APPLIED BASE PLY:									
C-43.	Min. 2,500 psi structural concrete	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield	LRFIA or LRFIA(BG)	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 1-inch MonoBoard Plus or Min. 2-inch TopRock DD Plus (no extrapolation permitted for ribbon attachment)	Additional Layer(s): LRFIA or LRFIA(BG) Coverboard: LRFIA or LRFIA(BG), 6-inch o.c.	SBS-TA	(Optional) SBS-TA	SBS-TA	-60.0*
C-44.	Min. 2,500 psi structural concrete	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, H-Shield, Multi-Max FA3, Elevate ISOGARD CG or Ultra-Max or min. 1-inch Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG)	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG)	APP-TA, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA	-180.0
C-45.	Min. 2,500 psi structural concrete	Min. 1-inch Trisotech G, Trisotech CGF, Trisotech, EnergyGuard Polyiso Insulation, H-Shield, Elevate ISOGARD GL, Multi-Max FA-3, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG)	Min. 0.625-inch SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG)	SBS-TA	(Optional) SBS-TA	SBS-TA	-195.0

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TABLE 3A: STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF) SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER REFER TO NOTE 16 FOR VAPOR BARRIER OPTIONS									
Sys. No.	Deck (Note 1)	Base Insulation Layer(s)		Top Insulation Layer		Roof Cover (Note 15)			MDP (psf)
		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
C-46.	Min. 2,500 psi structural concrete	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, H-Shield, Multi-Max FA3, Elevate ISOGARD CG or Ultra-Max or min. 1-inch Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG)	Min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG)	APP-TA, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA	-262.5

TABLE 3B: STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF) SYSTEM TYPE F: NON-INSULATED, BONDED ROOF COVER						
System No.	Deck (Note 1)	Primer	Roof Cover (Note 15)			MDP (psf)
			Base Ply	Ply	Cap Ply	
C-47.	Min. 2,500 psi structural concrete	None	BP-CA1, SBS-CA-1	(Optional) One or more BP-CA1 or SBS-CA1	BP-CA1, SBS-CA1	-60.0
C-48.	Min. 2,500 psi structural concrete	ASTM D41	POWERply Standard Smooth HW, torch-applied	(Optional) POWERply Standard Smooth HW, torch-applied	SBS-TA	-315.0
C-49.	Min. 2,500 psi structural concrete	TREMprime WB Primer	BP-CA6 or SBS-CA6	(Optional) One or more BP-CA6 or SBS-CA6	BP-CA6 or SBS-CA6	-372.5
C-50.	Min. 2,500 psi structural concrete	ASTM D41	APP-TA	(Optional) APP-TA	APP-TA	-465.0
C-51.	Min. 2,500 psi structural concrete	None	BP-CA5, SBS-CA5	(Optional) BP-CA5, SBS-CA5	BP-CA5, SBS-CA5	-802.5

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TABLE 4A: LIGHTWEIGHT CONCRETE OVER STEEL OR STRUCTURAL CONCRETE DECKS - REROOF (TEAR-OFF) SYSTEM TYPE A-1: LWC TO DECK, BONDED INSULATION, BONDED ROOF COVER											
System No.	Deck (Note 1)	Lightweight Concrete (Note 14)		Base Insulation Layer		Coverboard		Roof Cover (Note 15)			MDP (psf)*
		Type	Surfacing	Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
PRE-EXISTENT CELLULAR LWC (NOTE 14A):											
BURMASTIC ADHESIVE OR POWERPLY STANDARD COLD ADHESIVE APPLIED BASE PLY:											
LWC-1.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Pre-existent (re-roof only), min. 2-inch thick cellular lightweight concrete Compressive: 350 psi Withdrawal, Trufast Versa-Fast: 260 lbf	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	(Optional) One or more layers, Min. 1-inch Trisotech G, Trisotech CGF, Trisotech, EnergyGuard Polyiso Insulation, H-Shield, Elevate ISOGARD GL, Multi-Max FA3	LRFIA or LRFIA(BG)	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG)	BP-CA1 or SBS-CA1	(Optional) One or more BP-CA1 or SBS-CA1	BP-CA1 or SBS-CA1	-52.5
BURMASTIC ADHESIVE MC APPLIED BASE PLY:											
LWC-2.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Pre-existent (re-roof only), min. 2-inch thick cellular lightweight concrete Compressive: 350 psi Withdrawal, Trufast Versa-Fast: 260 lbf	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	(Optional) One or more layers, Min. 1-inch Trisotech G, Trisotech CGF, Trisotech, EnergyGuard Polyiso Insulation, H-Shield, Elevate ISOGARD GL, Multi-Max FA3	LRFIA or LRFIA(BG)	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG)	BP-CA6 or SBS-CA6	(Optional) One or more BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6	BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6	-52.5
LWC-3.	Min. 22 ga., type BV, Grade 40 steel	Pre-existent (re-roof only), min. 2-inch thick cellular lightweight concrete Compressive: 500 psi Withdrawal, Trufast FM-90 Base Sheet Fastener: 170 lbf	(Optional) Repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	(Optional) One or more layer(s), min. 1-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 6-inch o.c.	Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA6 or SBS-CA6	(Optional) One or more BP-CA6 or SBS-CA6	BP-CA6 or SBS-CA6	-82.5
LWC-4.	Min. 2,500 psi structural concrete	Pre-existent (re-roof only), min. 2-inch thick cellular lightweight concrete Compressive: 500 psi Withdrawal, Trufast FM-90 Base Sheet Fastener: 170 lbf	(Optional) Repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	(Optional) One or more layer(s), min. 0.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 6-inch o.c.	Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA6 or SBS-CA6	(Optional) One or more BP-CA6 or SBS-CA6	BP-CA6 or SBS-CA6	-277.5
POWERPLY ENDURE BIO ADHESIVE TF APPLIED BASE PLY:											

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TABLE 4A: LIGHTWEIGHT CONCRETE OVER STEEL OR STRUCTURAL CONCRETE DECKS - REROOF (TEAR-OFF) SYSTEM TYPE A-1: LWC TO DECK, BONDED INSULATION, BONDED ROOF COVER											
System No.	Deck (Note 1)	Lightweight Concrete (Note 14)		Base Insulation Layer		Coverboard		Roof Cover (Note 15)			MDP (psf)*
		Type	Surfacing	Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
LWC-5.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Pre-existent (re-roof only), min. 2-inch thick cellular lightweight concrete Compressive: 350 psi Withdrawal, Trufast Versa-Fast: 260 lbf	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	(Optional) One or more layers, Min. 1-inch Trisotech G, Trisotech CGF, Trisotech, EnergyGuard Polyiso Insulation, H-Shield, Elevate ISOGARD GL, Multi-Max FA3	LRFIA or LRFIA(BG)	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG)	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-52.5
LWC-6.	Min. 22 ga., type BV, Grade 40 steel	Pre-existent (re-roof only), min. 2-inch thick cellular lightweight concrete Compressive: 500 psi Withdrawal, Trufast FM-90 Base Sheet Fastener: 170 lbf	(Optional) Repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	(Optional) One or more layer(s), min. 1-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 6-inch o.c.	Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA, 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-82.5
LWC-7.	Min. 2,500 psi structural concrete	Pre-existent (re-roof only), min. 2-inch thick cellular lightweight concrete Compressive: 500 psi Withdrawal, Trufast FM-90 Base Sheet Fastener: 170 lbf	(Optional) Repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	(Optional) One or more layer(s), min. 0.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 6-inch o.c.	Min. 0.125-inch TremBoard AC or min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA, 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-277.5
ASPHALT APPLIED BASE PLY:											
LWC-8.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Pre-existent (re-roof only), min. 2-inch thick cellular lightweight concrete Compressive: 350 psi Withdrawal, Trufast Versa-Fast: 260 lbf	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	(Optional) One or more layers, Min. 1-inch Trisotech G, Trisotech CGF, Trisotech, EnergyGuard Polyiso Insulation, H-Shield, Elevate ISOGARD GL, Multi-Max FA3	LRFIA or LRFIA(BG)	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG)	BP-AA, SBS-AA	(Optional) BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA	BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA	-52.5

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TABLE 4A: LIGHTWEIGHT CONCRETE OVER STEEL OR STRUCTURAL CONCRETE DECKS - REROOF (TEAR-OFF) SYSTEM TYPE A-1: LWC TO DECK, BONDED INSULATION, BONDED ROOF COVER											
System No.	Deck (Note 1)	Lightweight Concrete (Note 14)		Base Insulation Layer		Coverboard		Roof Cover (Note 15)			MDP (psf)*
		Type	Surfacing	Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
LWC-9.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Pre-existent (re-roof only), min. 2-inch thick cellular lightweight concrete Compressive: 350 psi Withdrawal, Trufast Versa-Fast: 260 lbf	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	(Optional) One or more layers, Min. 1-inch Trisotech G, Trisotech CGF, Trisotech, EnergyGuard Polyiso Insulation, H-Shield, Elevate ISOGARD GL, Multi-Max FA3	LRFIA or LRFIA(BG)	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG)	SBS-AA	(Optional) One or more SBS-AA, SBS-TA	SBS-TA	-52.5
LWC-10.	Min. 22 ga., type BV, Grade 40 steel	Pre-existent (re-roof only), min. 2-inch thick cellular lightweight concrete Compressive: 500 psi Withdrawal, Trufast FM-90 Base Sheet Fastener: 170 lbf	(Optional) Repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	(Optional) One or more layer(s), min. 1-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 6-inch o.c.	Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA, 6-inch o.c.	BP-AA, SBS-AA	(Optional) One or more BP-AA, SBS-AA or APP-TA	BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA	-82.5
LWC-11.	Min. 2,500 psi structural concrete	Pre-existent (re-roof only), min. 2-inch thick cellular lightweight concrete Compressive: 500 psi Withdrawal, Trufast FM-90 Base Sheet Fastener: 170 lbf	(Optional) Repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	(Optional) One or more layer(s), min. 0.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 6-inch o.c.	Min. 0.125-inch TremBoard AC or min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA, 6-inch o.c.	BP-AA, SBS-AA	(Optional) One or more BP-AA, SBS-AA, SBS-TA or APP-TA	BP-CA1, BP-AA, SBS-CA1, SBS-AA, SBS-TA or APP-TA	-277.5
SEBS APPLIED BASE PLY:											
LWC-12.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Pre-existent (re-roof only), min. 2-inch thick cellular lightweight concrete Compressive: 350 psi Withdrawal, Trufast Versa-Fast: 260 lbf	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	(Optional) One or more layers, Min. 1-inch Trisotech G, Trisotech CGF, Trisotech, EnergyGuard Polyiso Insulation, H-Shield, Elevate ISOGARD GL, Multi-Max FA3	LRFIA or LRFIA(BG)	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG)	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-52.5

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TABLE 4A: LIGHTWEIGHT CONCRETE OVER STEEL OR STRUCTURAL CONCRETE DECKS - REROOF (TEAR-OFF) SYSTEM TYPE A-1: LWC TO DECK, BONDED INSULATION, BONDED ROOF COVER											
System No.	Deck (Note 1)	Lightweight Concrete (Note 14)		Base Insulation Layer		Coverboard		Roof Cover (Note 15)			MDP (psf)*
		Type	Surfacing	Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
LWC-13.	Min. 22 ga., type BV, Grade 40 steel	Pre-existent (re-roof only), min. 2-inch thick cellular lightweight concrete Compressive: 500 psi Withdrawal, Trufast FM-90 Base Sheet Fastener: 170 lbf	(Optional) Repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	(Optional) One or more layer(s), min. 1-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 6-inch o.c.	Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA, 6-inch o.c.	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-82.5
LWC-14.	Min. 2,500 psi structural concrete	Pre-existent (re-roof only), min. 2-inch thick cellular lightweight concrete Compressive: 500 psi Withdrawal, Trufast FM-90 Base Sheet Fastener: 170 lbf	(Optional) Repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	(Optional) One or more layer(s), min. 0.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 6-inch o.c.	Min. 0.125-inch TremBoard AC or min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA, 6-inch o.c.	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-277.5
TORCH APPLIED BASE PLY:											
LWC-15.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Pre-existent (re-roof only), min. 2-inch thick cellular lightweight concrete Compressive: 350 psi Withdrawal, Trufast Versa-Fast: 260 lbf	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	(Optional) One or more layers, Min. 1-inch Trisotech G, Trisotech CGF, Trisotech, EnergyGuard Polyiso Insulation, H-Shield, Elevate ISOGARD GL, Multi-Max FA3	LRFIA or LRFIA(BG)	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG)	APP-TA or SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA	-52.5
LWC-16.	Min. 22 ga., type BV, Grade 40 steel	Pre-existent (re-roof only), min. 2-inch thick cellular lightweight concrete Compressive: 500 psi Withdrawal, Trufast FM-90 Base Sheet Fastener: 170 lbf	(Optional) Repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	(Optional) One or more layer(s), min. 1-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 6-inch o.c.	Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA, 6-inch o.c.	APP-TA or SBS-TA	(Optional) APP-TA or SBS-TA	APP-TA or SBS-TA	-82.5

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TABLE 4A: LIGHTWEIGHT CONCRETE OVER STEEL OR STRUCTURAL CONCRETE DECKS - REROOF (TEAR-OFF)
SYSTEM TYPE A-1: LWC TO DECK, BONDED INSULATION, BONDED ROOF COVER

System No.	Deck (Note 1)	Lightweight Concrete (Note 14)		Base Insulation Layer		Coverboard		Roof Cover (Note 15)			MDP (psf)*
		Type	Surfacing	Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
LWC-17.	Min. 2,500 psi structural concrete	Pre-existent (re-roof only), min. 2-inch thick cellular lightweight concrete Compressive: 500 psi Withdrawal, Trufast FM-90 Base Sheet Fastener: 170 lbf	(Optional) Repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	(Optional) One or more layer(s), min. 0.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 6-inch o.c.	Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA, 6-inch o.c.	APP-TA or SBS-TA	(Optional) APP-TA or SBS-TA	APP-TA or SBS-TA	-277.5

TABLE 4B: LIGHTWEIGHT CONCRETE OVER STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE B-3: MECHANICALLY ATTACHED ANCHOR SHEET, BONDED INSULATION, BONDED ROOF COVER

Sys No.	Deck (Note 1)	Lightweight Concrete (Note 14)	Anchor Sheet			Vapor Barrier (Note 15)	Base Insulation		Top Insulation		Roof Cover (Note 15)			MDP (psf)
			Type	Fasten (Note 11)	Attach		Type	Attach (Notes 6,7,8)	Type	Attach	Base Ply	Ply	Cap Ply	
BURMASTIC ADHESIVE OR POWERPLY STANDARD COLD ADHESIVE APPLIED BASE PLY:														
LWC-18.	Min. 22 ga., type BV, Grade 40 steel; 6 ft span	ELASTIZELL (NOA 23-0817.05): Min. 370 psi, Min. 2-inch thick, Elastizell Range III Cellular Concrete with Zell-Crete Fibers	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Tremco Twin Loc-Nails (min. 1.7" embed)	7-inch o.c. at 4-inch laps and 7-inch o.c. at two (2), equally spaced, staggered center rows	None	Min. 1-inch Trisotech G, Trisotech CGF, Trisotech, EnergyGuard Polyiso Insulation, H-Shield, Elevate ISOGARD GL, Elevate ISOGARD CG, Multi-Max FA3 or UltraMax	LRFIA or LRFIA(BG), ~10.5-inch o.c. (ribbons shall be over anchor sheet fastener rows)	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG)	BP-CA1 or SBS-CA1	(Optional) One or more BP-CA1 or SBS-CA1	BP-CA1 or SBS-CA1	-45.0
POWERPLY ENDURE BIO ADHESIVE TF APPLIED BASE PLY:														
LWC-19.	Min. 22 ga., type BV, Grade 40 steel; 6 ft span	ELASTIZELL (NOA 23-0817.05): Min. 370 psi, Min. 2-inch thick, Elastizell Range III Cellular Concrete with Zell-Crete Fibers	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Tremco Twin Loc-Nails (min. 1.7" embed)	7-inch o.c. at 4-inch laps and 7-inch o.c. at two (2), equally spaced, staggered center rows	(Optional) BP-CA5 or SBS-CA5 (smooth)	Min. 1-inch Trisotech G, Trisotech CGF, Trisotech, EnergyGuard Polyiso Insulation, H-Shield, Elevate ISOGARD GL, Elevate ISOGARD CG, Multi-Max FA3, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG), ~10.5-inch o.c. (ribbons shall be over anchor sheet fastener rows)	Min. 0.125-inch TremBoard AC or min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG)	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	SBS-CA5	-45.0

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TABLE 4B: LIGHTWEIGHT CONCRETE OVER STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE B-3: MECHANICALLY ATTACHED ANCHOR SHEET, BONDED INSULATION, BONDED ROOF COVER

Sys No.	Deck (Note 1)	Lightweight Concrete (Note 14)	Anchor Sheet			Vapor Barrier (Note 15)	Base Insulation		Top Insulation		Roof Cover (Note 15)			MDP (psf)
			Type	Fasten (Note 11)	Attach		Type	Attach (Notes 6,7,8)	Type	Attach	Base Ply	Ply	Cap Ply	
LWC-20.	Min. 22 ga., type BV, Grade 80 steel; 6 ft span	ELASTIZELL (NOA 23-0817.05): Min. 430 psi, Min. 2-inch thick, Elastizell Range III Cellular Concrete with Zell-Crete Fibers	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Tremco Twin Loc-Nails (min. 1.7" embed)	7-inch o.c. at 4-inch laps and 7-inch o.c. at three (3), equally spaced, staggered center rows	(Optional) BP-CA5 or SBS-CA5 (smooth)	Min. 1-inch Trisotech G, Trisotech CGF, Trisotech, EnergyGuard Polyiso Insulation, H-Shield, Elevate ISOGARD GL, Elevate ISOGARD CG, Multi-Max FA3, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG), ~8-inch o.c. (ribbons shall be over anchor sheet fastener rows)	Min. 0.125-inch TremBoard AC	LRFIA or LRFIA(BG), 8-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	SBS-CA5	-52.5
LWC-21.	Min. 22 ga., type BV, Grade 80 steel; 6 ft span	ELASTIZELL (NOA 23-0817.05): Min. 430 psi, Min. 2-inch thick, Elastizell Range III Cellular Concrete with Zell-Crete Fibers	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Tremco Twin Loc-Nails (min. 1.7" embed)	7-inch o.c. at 4-inch laps and 7-inch o.c. at three (3), equally spaced, staggered center rows	(Optional) BP-CA5 or SBS-CA5 (smooth)	Min. 1-inch Trisotech G, Trisotech CGF, Trisotech, EnergyGuard Polyiso Insulation, H-Shield, Elevate ISOGARD GL, Elevate ISOGARD CG, Multi-Max FA3, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG), ~8-inch o.c. (ribbons shall be over anchor sheet fastener rows)	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 8-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	SBS-CA5	-60.0
ASPHALT APPLIED BASE PLY:														
LWC-22.	Pre-existent steel or structural concrete, acceptable to AHJ	Pre-existent, min. 2-inch thick, min. 360 psi cellular lightweight concrete	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Trufast Versa Fastener & Plate; 2 screws per plate installed 180° into the holes of the plate (Field W/D > 67 lbf)	6-inch o.c. at 4-inch laps and 12-inch o.c. at four (4), equally spaced center rows	(Optional) BP-AA, SBS-AA or SBS-TA (smooth)	Min. 1.5-inch Trisotech G, Trisotech, Elevate ISOGARD GL or Multi-Max FA3	Hot asphalt	Min. 0.125-inch TremBoard AC or min. 0.25-inch DensDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	Hot asphalt	BP-AA, SBS-AA	(Optional) BP-AA or SBS-AA	BP-AA or SBS-AA	-75.0
LWC-23.	Pre-existent steel or structural concrete, acceptable to AHJ	Pre-existent, min. 2-inch thick, min. 360 psi cellular lightweight concrete	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Trufast Versa Fastener & Plate; 2 screws per plate installed 180° into the holes of the plate (Field W/D > 67 lbf)	6-inch o.c. at 4-inch laps and 12-inch o.c. at four (4), equally spaced center rows	(Optional) BP-AA, SBS-AA or SBS-TA (smooth)	Min. 1.5-inch Trisotech G, Trisotech, Elevate ISOGARD GL or Multi-Max FA3	Hot asphalt	Min. 0.125-inch TremBoard AC or min. 0.25-inch DensDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	Hot asphalt	SBS-AA	(Optional) One or more SBS-AA, SBS-TA	SBS-TA	-75.0
SEBS APPLIED BASE PLY:														

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TABLE 4B: LIGHTWEIGHT CONCRETE OVER STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE B-3: MECHANICALLY ATTACHED ANCHOR SHEET, BONDED INSULATION, BONDED ROOF COVER

Sys No.	Deck (Note 1)	Lightweight Concrete (Note 14)	Anchor Sheet			Vapor Barrier (Note 15)	Base Insulation		Top Insulation		Roof Cover (Note 15)			MDP (psf)
			Type	Fasten (Note 11)	Attach		Type	Attach (Notes 6,7,8)	Type	Attach	Base Ply	Ply	Cap Ply	
LWC-24.	Pre-existent steel or structural concrete, acceptable to AHJ	Pre-existent, min. 2-inch thick, min. 360 psi cellular lightweight concrete	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Trufast Versa Fastener & Plate; 2 screws per plate installed 180° into the holes of the plate (Field W/D > 67 lbf)	6-inch o.c. at 4-inch laps and 12-inch o.c. at four (4), equally spaced center rows	(Optional) BP-AA, SBS-AA or SBS-TA (smooth)	Min. 1.5-inch Trisotech G, Trisotech, Elevate ISOGARD GL or Multi-Max FA3	Hot asphalt	Min. 0.125-inch TremBoard AC or min. 0.25-inch DensDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	Hot asphalt	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-75.0
TORCH-APPLIED BASE PLY:														
LWC-25.	Min. 22 ga., type BV, Grade 40 steel; 6 ft span	ELASTIZELL (NOA 23-0817.05): Min. 370 psi, Min. 2-inch thick, Elastizell Range III Cellular Concrete with Zell-Crete Fibers	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Tremco Twin Loc-Nails (min. 1.7" embed)	7-inch o.c. at 4-inch laps and 7-inch o.c. at two (2), equally spaced, staggered center rows	(Optional) BP-CA5 or SBS-CA5 (smooth)	Min. 1-inch Trisotech G, Trisotech CGF, Trisotech, EnergyGuard Polyiso Insulation, H-Shield, Elevate ISOGARD GL, Elevate ISOGARD CG, Multi-Max FA3, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG), ~10.5-inch o.c. (ribbons shall be over anchor sheet fastener rows)	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG)	APP-TA, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA	-45.0
LWC-26.	Min. 22 ga., type BV, Grade 80 steel; 6 ft span	ELASTIZELL (NOA 23-0817.05): Min. 430 psi, Min. 2-inch thick, Elastizell Range III Cellular Concrete with Zell-Crete Fibers	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Tremco Twin Loc-Nails (min. 1.7" embed)	7-inch o.c. at 4-inch laps and 7-inch o.c. at three (3), equally spaced, staggered center rows	(Optional) BP-CA5 or SBS-CA5 (smooth)	Min. 1-inch Trisotech G, Trisotech CGF, Trisotech, EnergyGuard Polyiso Insulation, H-Shield, Elevate ISOGARD GL, Elevate ISOGARD CG, Multi-Max FA3, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG), ~8-inch o.c. (ribbons shall be over anchor sheet fastener rows)	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 8-inch o.c.	APP-TA, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA	-60.0
LWC-27.	Pre-existent steel or structural concrete, acceptable to AHJ	Pre-existent, min. 2-inch thick, min. 360 psi cellular lightweight concrete	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Trufast Versa Fastener & Plate; 2 screws per plate installed 180° into the holes of the plate (Field W/D > 67 lbf)	6-inch o.c. at 4-inch laps and 12-inch o.c. at four (4), equally spaced center rows	(Optional) BP-AA, SBS-AA or SBS-TA (smooth)	Min. 1.5-inch Trisotech G, Trisotech, Elevate ISOGARD GL or Multi-Max FA3	Hot asphalt	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	Hot asphalt	APP-TA, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA	-75.0

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TABLE 4C: LIGHTWEIGHT CONCRETE OVER STEEL OR STRUCTURAL CONCRETE DECKS – REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER

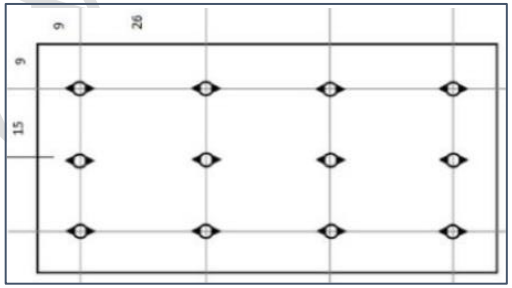
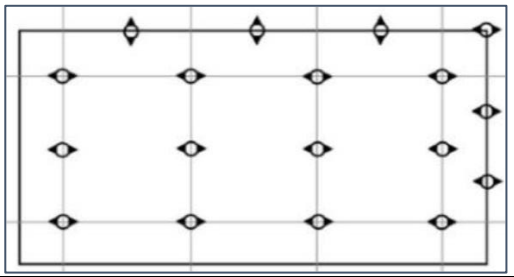
System No.	Deck (Note 1)	Lightweight Concrete (Note 14)		Insulation Layer			Roof Cover (Note 15)			MDP (psf)
		Type	Surfacing	Type	Fastener (Note 11)	Top Layer Attach	Base Ply	Ply	Cap Ply	
BURMASTIC ADHESIVE MC APPLIED BASE PLY:										
LWC-28.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Pre-existent, min. 2-inch thick, min. 350 psi cellular lightweight concrete	Repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	Base Layer(s): (Optional) One or more layers, min. 1-inch thick FBC Approved polyisocyanurate or mineral wool insulation, loose laid Top Layer: Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Trufast Versa Fastener & Plate; 2 screws per plate installed 180° into the holes of the plate*	1 per 2.7 ft² (12 per 4x8 ft board)	BP-CA6 or SBS-CA6	(Optional) One or more BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6	BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6	-45.0
	Note:	**Versa Fastener screws shall be of sufficient length for full-penetration through the LWC top coat. Field withdrawal resistance testing (Note 11) shall yield minimum 240 lbf.*								
LWC-29.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Pre-existent, min. 2-inch thick, min. 350 psi cellular lightweight concrete	Repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	Base Layer(s): (Optional) One or more layers, min. 1-inch thick FBC Approved polyisocyanurate or mineral wool insulation, loose laid Top Layer: Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Trufast Versa Fastener & Plate; 2 screws per plate installed 180° into the holes of the plate*	1 per 1.8 ft² (12 plates per 4x8 ft board in field of board, plus 1 part in corner, 2 parts on short edge and 3 parts on long edge)	BP-CA6 or SBS-CA6	(Optional) One or more BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6	BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6	-60.0
	Note:	**Versa Fastener screws shall be of sufficient length for full-penetration through the LWC top coat. Field withdrawal resistance testing (Note 11) shall yield minimum 214 lbf.*								

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TABLE 4C: LIGHTWEIGHT CONCRETE OVER STEEL OR STRUCTURAL CONCRETE DECKS – REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER

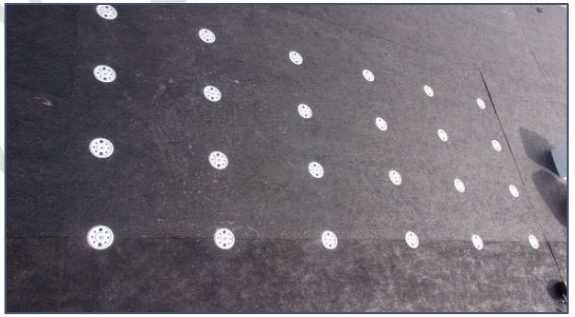
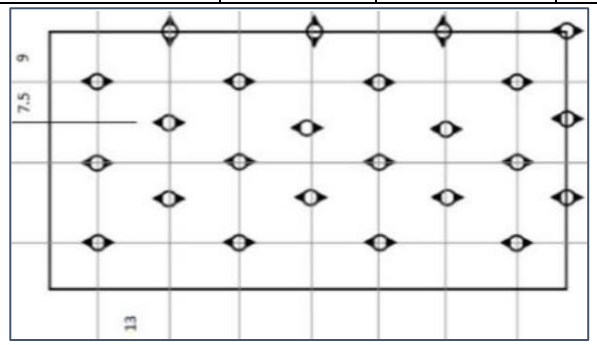
System No.	Deck (Note 1)	Lightweight Concrete (Note 14)		Insulation Layer			Roof Cover (Note 15)			MDP (psf)
		Type	Surfacing	Type	Fastener (Note 11)	Top Layer Attach	Base Ply	Ply	Cap Ply	
LWC-30.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Pre-existent, min. 2-inch thick, min. 350 psi cellular lightweight concrete	Repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	Base Layer(s): (Optional) One or more layers, min. 1-inch thick FBC Approved polyisocyanurate or mineral wool insulation, loose laid Top Layer: Min. 0.125-inch TremBoard AC	Trufast Versa Fastener & Plate; 2 screws per plate installed 180° into the holes of the plate*	1 per 1.3 ft^2 (18 plates per 4x8 ft board in field of board, plus 6 parts on long edge)	SBS-CA6	(Optional) One or more BP-CA6 or SBS-CA6	BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6	-67.5
	Note:	*Versa Fastener screws shall be of sufficient length for full-penetration through the LWC top coat. Field withdrawal resistance testing (Note 11) shall yield minimum 180 lbf.								
LWC-31.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Pre-existent, min. 2-inch thick, min. 350 psi cellular lightweight concrete	Repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	Base Layer(s): (Optional) One or more layers, min. 1-inch thick FBC Approved polyisocyanurate or mineral wool insulation, loose laid Top Layer: Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Trufast Versa Fastener & Plate; 2 screws per plate installed 180° into the holes of the plate*	1 per 1.3 ft^2 (18 plates per 4x8 ft board in field of board, plus 1 part in corner, 2 parts on short edge and 3 parts on long edge)	BP-CA6 or SBS-CA6	(Optional) One or more BP-CA6 or SBS-CA6	BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6	-97.5
	Note:	**Versa Fastener screws shall be of sufficient length for full-penetration through the LWC top coat. Field withdrawal resistance testing (Note 11) shall yield minimum 259 lbf.*								

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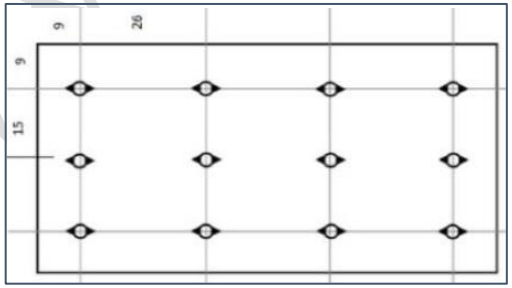
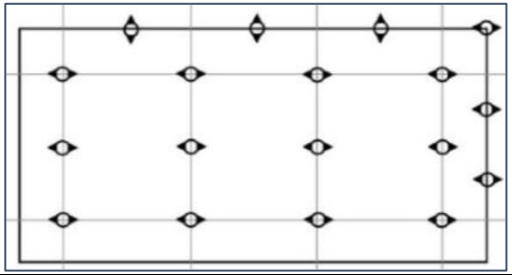
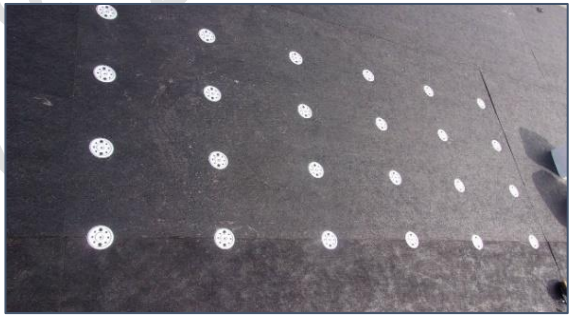
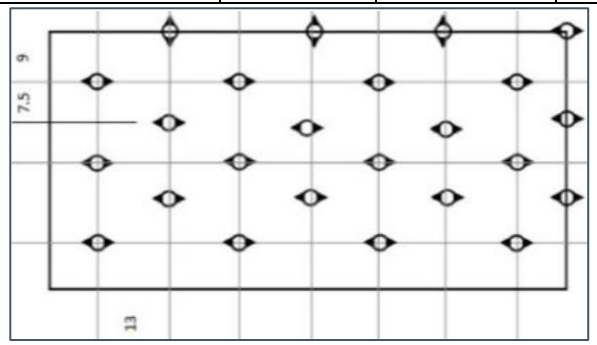
TABLE 4C: LIGHTWEIGHT CONCRETE OVER STEEL OR STRUCTURAL CONCRETE DECKS – REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER

System No.	Deck (Note 1)	Lightweight Concrete (Note 14)		Insulation Layer			Roof Cover (Note 15)			MDP (psf)
		Type	Surfacing	Type	Fastener (Note 11)	Top Layer Attach	Base Ply	Ply	Cap Ply	
POWERPLY ENDURE BIO ADHESIVE TF APPLIED BASE PLY:										
LWC-32.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Pre-existent, min. 2-inch thick, min. 350 psi cellular lightweight concrete	Repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	Base Layer(s): (Optional) One or more layers, min. 1-inch thick FBC Approved polyisocyanurate or mineral wool insulation, loose laid Top Layer: Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Trufast Versa Fastener & Plate; 2 screws per plate installed 180° into the holes of the plate*	1 per 2.7 ft² (12 per 4x8 ft board)	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-45.0
	Note:	**Versa Fastener screws shall be of sufficient length for full-penetration through the LWC top coat. Field withdrawal resistance testing (Note 11) shall yield minimum 240 lbf.*								
LWC-33.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Pre-existent, min. 2-inch thick, min. 350 psi cellular lightweight concrete	Repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	Base Layer(s): (Optional) One or more layers, min. 1-inch thick FBC Approved polyisocyanurate or mineral wool insulation, loose laid Top Layer: Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Trufast Versa Fastener & Plate; 2 screws per plate installed 180° into the holes of the plate*	1 per 1.8 ft² (12 plates per 4x8 ft board in field of board, plus 1 part in corner, 2 parts on short edge and 3 parts on long edge)	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-60.0
	Note:	**Versa Fastener screws shall be of sufficient length for full-penetration through the LWC top coat. Field withdrawal resistance testing (Note 11) shall yield minimum 214 lbf.*								

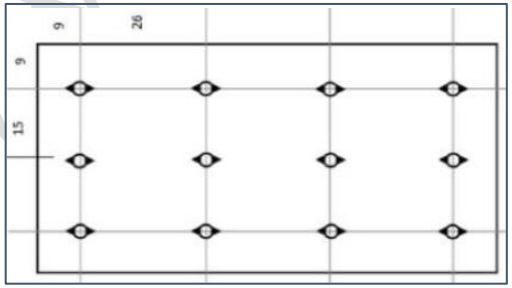
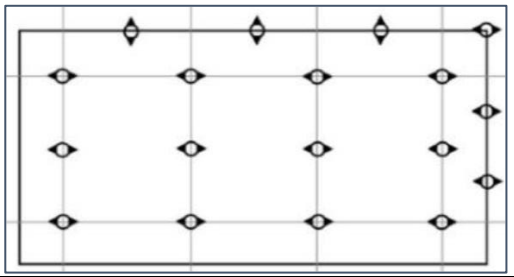
2023 FBC NON-HVHZ & 2018 IBC

TABLE 4C: LIGHTWEIGHT CONCRETE OVER STEEL OR STRUCTURAL CONCRETE DECKS – REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER

System No.	Deck (Note 1)	Lightweight Concrete (Note 14)		Insulation Layer			Roof Cover (Note 15)			MDP (psf)
		Type	Surfacing	Type	Fastener (Note 11)	Top Layer Attach	Base Ply	Ply	Cap Ply	
LWC-34.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Pre-existent, min. 2-inch thick, min. 350 psi cellular lightweight concrete	Repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	Base Layer(s): (Optional) One or more layers, min. 1-inch thick FBC Approved polyisocyanurate or mineral wool insulation, loose laid Top Layer: Min. 0.125-inch TremBoard AC	Trufast Versa Fastener & Plate; 2 screws per plate installed 180° into the holes of the plate*	1 per 1.3 ft^2 (18 plates per 4x8 ft board in field of board, plus 6 parts on long edge)	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-67.5
	Note:	*Versa Fastener screws shall be of sufficient length for full-penetration through the LWC top coat. Field withdrawal resistance testing (Note 11) shall yield minimum 180 lbf.								
LWC-35.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Pre-existent, min. 2-inch thick, min. 350 psi cellular lightweight concrete	Repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	Base Layer(s): (Optional) One or more layers, min. 1-inch thick FBC Approved polyisocyanurate or mineral wool insulation, loose laid Top Layer: Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Trufast Versa Fastener & Plate; 2 screws per plate installed 180° into the holes of the plate*	1 per 1.3 ft^2 (18 plates per 4x8 ft board in field of board, plus 1 part in corner, 2 parts on short edge and 3 parts on long edge)	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-97.5
	Note:	**Versa Fastener screws shall be of sufficient length for full-penetration through the LWC top coat. Field withdrawal resistance testing (Note 11) shall yield minimum 259 lbf.*								

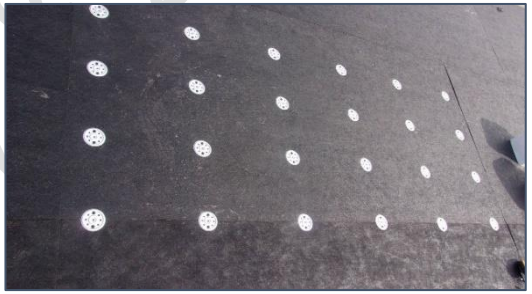
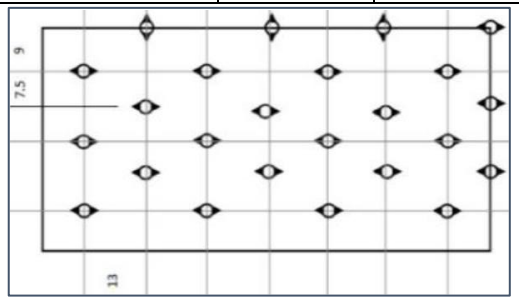
2023 FBC NON-HVHZ & 2018 IBC

TABLE 4C: LIGHTWEIGHT CONCRETE OVER STEEL OR STRUCTURAL CONCRETE DECKS – REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER

System No.	Deck (Note 1)	Lightweight Concrete (Note 14)		Insulation Layer			Roof Cover (Note 15)			MDP (psf)
		Type	Surfacing	Type	Fastener (Note 11)	Top Layer Attach	Base Ply	Ply	Cap Ply	
HOT-ASPHALT-APPLIED BASE PLY:										
LWC-36.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Pre-existent, min. 2-inch thick, min. 350 psi cellular lightweight concrete	Repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	Base Layer(s): (Optional) One or more layers, min. 1-inch thick FBC Approved polyisocyanurate or mineral wool insulation, loose laid Top Layer: Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Trufast Versa Fastener & Plate; 2 screws per plate installed 180° into the holes of the plate*	1 per 2.7 ft² (12 per 4x8 ft board)	BP-AA, SBS-AA	(Optional) One or more BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA	BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA	-45.0
	Note:	**Versa Fastener screws shall be of sufficient length for full-penetration through the LWC top coat. Field withdrawal resistance testing (Note 11) shall yield minimum 240 lbf.*								
LWC-37.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Pre-existent, min. 2-inch thick, min. 350 psi cellular lightweight concrete	Repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	Base Layer(s): (Optional) One or more layers, min. 1-inch thick FBC Approved polyisocyanurate or mineral wool insulation, loose laid Top Layer: Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Trufast Versa Fastener & Plate; 2 screws per plate installed 180° into the holes of the plate*	1 per 1.8 ft² (12 plates per 4x8 ft board in field of board, plus 1 part in corner, 2 parts on short edge and 3 parts on long edge)	BP-AA, SBS-AA	(Optional) One or more BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA	BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA	-60.0
	Note:	**Versa Fastener screws shall be of sufficient length for full-penetration through the LWC top coat. Field withdrawal resistance testing (Note 11) shall yield minimum 214 lbf.*								

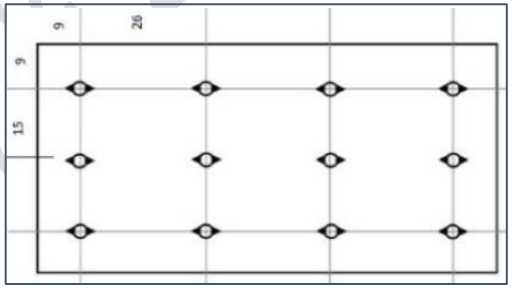
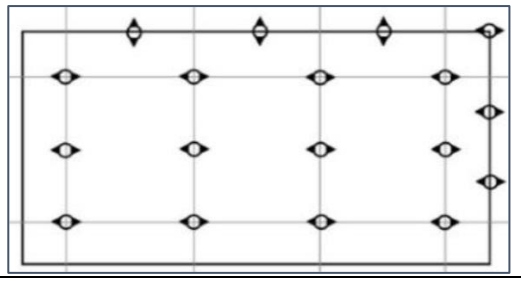
2023 FBC NON-HVHZ & 2018 IBC

TABLE 4C: LIGHTWEIGHT CONCRETE OVER STEEL OR STRUCTURAL CONCRETE DECKS – REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER

System No.	Deck (Note 1)	Lightweight Concrete (Note 14)		Insulation Layer			Roof Cover (Note 15)			MDP (psf)
		Type	Surfacing	Type	Fastener (Note 11)	Top Layer Attach	Base Ply	Ply	Cap Ply	
LWC-38.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Pre-existent, min. 2-inch thick, min. 350 psi cellular lightweight concrete	Repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	Base Layer(s): (Optional) One or more layers, min. 1-inch thick FBC Approved polyisocyanurate or mineral wool insulation, loose laid Top Layer: Min. 0.125-inch TremBoard AC	Trufast Versa Fastener & Plate; 2 screws per plate installed 180° into the holes of the plate*	1 per 1.3 ft² (18 plates per 4x8 ft board in field of board, plus 6 parts on long edge)	BP-AA *(except BURmastic Glass Ply, BURmastic Glass Ply – 28 lb)*, SBS-AA	(Optional) BP-AA, SBS-AA or APP-TA	BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA	-67.5
	Note:	**Versa Fastener screws shall be of sufficient length for full-penetration through the LWC top coat. Field withdrawal resistance testing (Note 11) shall yield minimum 180 lbf.*								
LWC-39.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Pre-existent, min. 2-inch thick, min. 350 psi cellular lightweight concrete	Repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	Base Layer(s): (Optional) One or more layers, min. 1-inch thick FBC Approved polyisocyanurate or mineral wool insulation, loose laid Top Layer: Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Trufast Versa Fastener & Plate; 2 screws per plate installed 180° into the holes of the plate*	1 per 1.3 ft² (18 plates per 4x8 ft board in field of board, plus 1 part in corner, 2 parts on short edge and 3 parts on long edge)	BP-AA, SBS-AA	(Optional) BP-AA, SBS-AA or APP-TA	BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA	-97.5
	Note:	**Versa Fastener screws shall be of sufficient length for full-penetration through the LWC top coat. Field withdrawal resistance testing (Note 11) shall yield minimum 259 lbf.*								

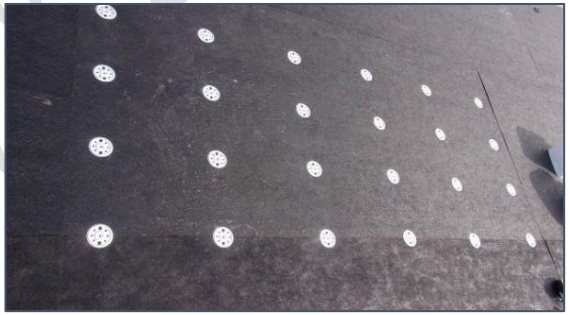
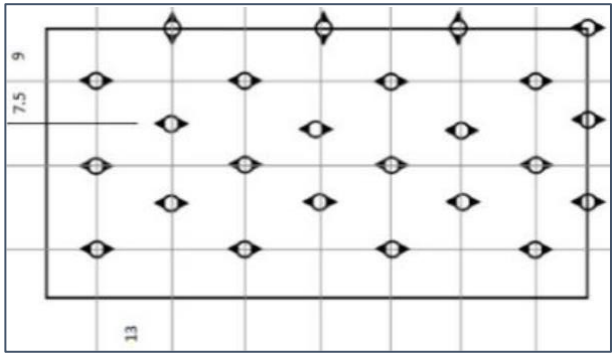
2023 FBC NON-HVHZ 2018 IBC

TABLE 4C: LIGHTWEIGHT CONCRETE OVER STEEL OR STRUCTURAL CONCRETE DECKS – REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER

System No.	Deck (Note 1)	Lightweight Concrete (Note 14)		Insulation Layer			Roof Cover (Note 15)			MDP (psf)
		Type	Surfacing	Type	Fastener (Note 11)	Top Layer Attach	Base Ply	Ply	Cap Ply	
LWC-40.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Pre-existent, min. 2-inch thick, min. 350 psi cellular lightweight concrete	Repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	Base Layer(s): (Optional) One or more layers, min. 1-inch thick FBC Approved polyisocyanurate or mineral wool insulation, loose laid Top Layer: Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Trufast Versa Fastener & Plate; 2 screws per plate installed 180° into the holes of the plate*	1 per 2.7 ft² (12 per 4x8 ft board)	SBS-AA	(Optional) One or more SBS-AA, SBS-TA	SBS-TA	-45.0
	Note:	**Versa Fastener screws shall be of sufficient length for full-penetration through the LWC top coat. Field withdrawal resistance testing (Note 11) shall yield minimum 240 lbf.*								
LWC-41.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Pre-existent, min. 2-inch thick, min. 350 psi cellular lightweight concrete	Repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	Base Layer(s): (Optional) One or more layers, min. 1-inch thick FBC Approved polyisocyanurate or mineral wool insulation, loose laid Top Layer: Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Trufast Versa Fastener & Plate; 2 screws per plate installed 180° into the holes of the plate*	1 per 1.8 ft² (12 plates per 4x8 ft board in field of board, plus 1 part in corner, 2 parts on short edge and 3 parts on long edge)	SBS-AA	(Optional) One or more SBS-AA, SBS-TA	SBS-TA	-60.0
	Note:	**Versa Fastener screws shall be of sufficient length for full-penetration through the LWC top coat. Field withdrawal resistance testing (Note 11) shall yield minimum 214 lbf.*								

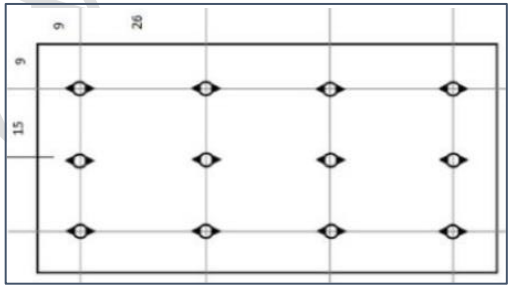
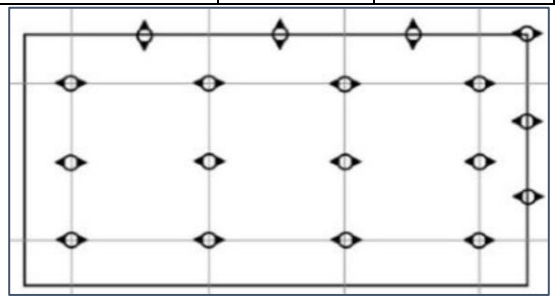
2023 FBC NON-HVHZ & 2018 IBC

TABLE 4C: LIGHTWEIGHT CONCRETE OVER STEEL OR STRUCTURAL CONCRETE DECKS – REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER

System No.	Deck (Note 1)	Lightweight Concrete (Note 14)		Insulation Layer			Roof Cover (Note 15)			MDP (psf)
		Type	Surfacing	Type	Fastener (Note 11)	Top Layer Attach	Base Ply	Ply	Cap Ply	
LWC-42.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Pre-existent, min. 2-inch thick, min. 350 psi cellular lightweight concrete	Repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	Base Layer(s): (Optional) One or more layers, min. 1-inch thick FBC Approved polyisocyanurate or mineral wool insulation, loose laid Top Layer: Min. 0.125-inch TremBoard AC	Trufast Versa Fastener & Plate; 2 screws per plate installed 180° into the holes of the plate*	1 per 1.3 ft² (18 plates per 4x8 ft board in field of board, plus 6 parts on long edge)	SBS-AA	(Optional) One or more SBS-AA, SBS-TA	SBS-TA	-67.5
	Note:	**Versa Fastener screws shall be of sufficient length for full-penetration through the LWC top coat. Field withdrawal resistance testing (Note 11) shall yield minimum 180 lbf.*								
LWC-43.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Pre-existent, min. 2-inch thick, min. 350 psi cellular lightweight concrete	Repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	Base Layer(s): (Optional) One or more layers, min. 1-inch thick FBC Approved polyisocyanurate or mineral wool insulation, loose laid Top Layer: Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Trufast Versa Fastener & Plate; 2 screws per plate installed 180° into the holes of the plate*	1 per 1.3 ft² (18 plates per 4x8 ft board in field of board, plus 1 part in corner, 2 parts on short edge and 3 parts on long edge)	SBS-AA	(Optional) One or more SBS-AA, SBS-TA	SBS-TA	-97.5
	Note:	**Versa Fastener screws shall be of sufficient length for full-penetration through the LWC top coat. Field withdrawal resistance testing (Note 11) shall yield minimum 259 lbf.*								

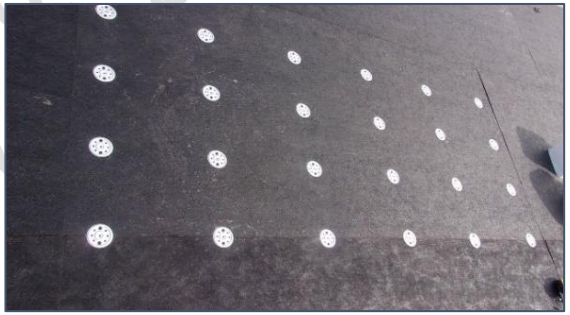
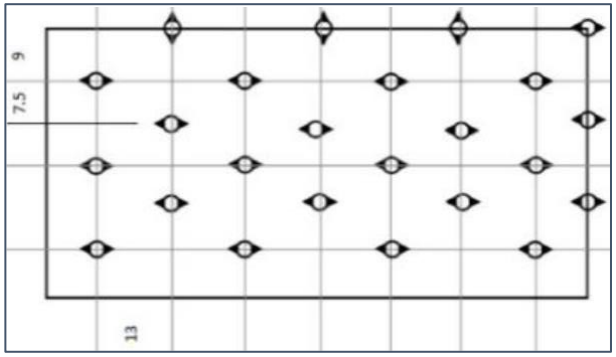
2023 FBC NON-HVHZ & 2018 IBC

TABLE 4C: LIGHTWEIGHT CONCRETE OVER STEEL OR STRUCTURAL CONCRETE DECKS – REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER

System No.	Deck (Note 1)	Lightweight Concrete (Note 14)		Insulation Layer			Roof Cover (Note 15)			MDP (psf)
		Type	Surfacing	Type	Fastener (Note 11)	Top Layer Attach	Base Ply	Ply	Cap Ply	
SEBS-APPLIED BASE PLY:										
LWC-44.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Pre-existent, min. 2-inch thick, min. 350 psi cellular lightweight concrete	Repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	Base Layer(s): (Optional) One or more layers, min. 1-inch thick FBC Approved polyisocyanurate or mineral wool insulation, loose laid Top Layer: Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Trufast Versa Fastener & Plate; 2 screws per plate installed 180° into the holes of the plate*	1 per 2.7 ft² (12 per 4x8 ft board)	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-45.0
	Note:	**Versa Fastener screws shall be of sufficient length for full-penetration through the LWC top coat. Field withdrawal resistance testing (Note 11) shall yield minimum 240 lbf.*								
LWC-45.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Pre-existent, min. 2-inch thick, min. 350 psi cellular lightweight concrete	Repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	Base Layer(s): (Optional) One or more layers, min. 1-inch thick FBC Approved polyisocyanurate or mineral wool insulation, loose laid Top Layer: Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Trufast Versa Fastener & Plate; 2 screws per plate installed 180° into the holes of the plate*	1 per 1.8 ft² (12 plates per 4x8 ft board in field of board, plus 1 part in corner, 2 parts on short edge and 3 parts on long edge)	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-60.0
	Note:	**Versa Fastener screws shall be of sufficient length for full-penetration through the LWC top coat. Field withdrawal resistance testing (Note 11) shall yield minimum 214 lbf.*								

2023 FBC NON-HVHZ & 2018 IBC

TABLE 4C: LIGHTWEIGHT CONCRETE OVER STEEL OR STRUCTURAL CONCRETE DECKS – REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER

System No.	Deck (Note 1)	Lightweight Concrete (Note 14)		Insulation Layer			Roof Cover (Note 15)			MDP (psf)
		Type	Surfacing	Type	Fastener (Note 11)	Top Layer Attach	Base Ply	Ply	Cap Ply	
LWC-46.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Pre-existent, min. 2-inch thick, min. 350 psi cellular lightweight concrete	Repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	Base Layer(s): (Optional) One or more layers, min. 1-inch thick FBC Approved polyisocyanurate or mineral wool insulation, loose laid Top Layer: Min. 0.125-inch TremBoard AC	Trufast Versa Fastener & Plate; 2 screws per plate installed 180° into the holes of the plate*	1 per 1.3 ft^2 (18 plates per 4x8 ft board in field of board, plus 6 parts on long edge)	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-67.5
	Note:	**Versa Fastener screws shall be of sufficient length for full-penetration through the LWC top coat. Field withdrawal resistance testing (Note 11) shall yield minimum 180 lbf.*								
LWC-47.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Pre-existent, min. 2-inch thick, min. 350 psi cellular lightweight concrete	Repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	Base Layer(s): (Optional) One or more layers, min. 1-inch thick FBC Approved polyisocyanurate or mineral wool insulation, loose laid Top Layer: Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Trufast Versa Fastener & Plate; 2 screws per plate installed 180° into the holes of the plate*	1 per 1.3 ft^2 (18 plates per 4x8 ft board in field of board, plus 1 part in corner, 2 parts on short edge and 3 parts on long edge)	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-97.5
	Note:	**Versa Fastener screws shall be of sufficient length for full-penetration through the LWC top coat. Field withdrawal resistance testing (Note 11) shall yield minimum 259 lbf.*								

2023 FBC NON-HVHZ & 2018 IBC

TABLE 4C: LIGHTWEIGHT CONCRETE OVER STEEL OR STRUCTURAL CONCRETE DECKS – REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER

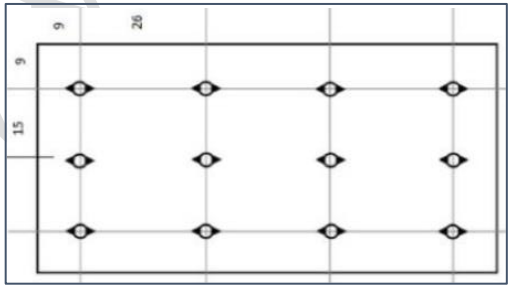
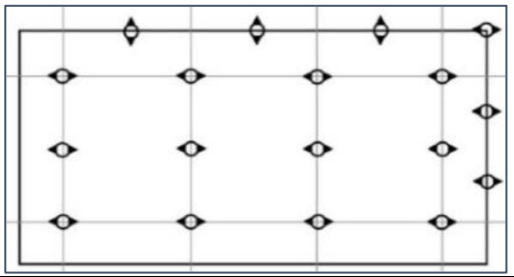
System No.	Deck (Note 1)	Lightweight Concrete (Note 14)		Insulation Layer			Roof Cover (Note 15)			MDP (psf)
		Type	Surfacing	Type	Fastener (Note 11)	Top Layer Attach	Base Ply	Ply	Cap Ply	
TORCH-APPLIED BASE PLY:										
LWC-48.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Pre-existent, min. 2-inch thick, min. 350 psi cellular lightweight concrete	Repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	Base Layer(s): (Optional) One or more layers, min. 1-inch thick FBC Approved polyisocyanurate or mineral wool insulation, loose laid Top Layer: Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Trufast Versa Fastener & Plate; 2 screws per plate installed 180° into the holes of the plate*	1 per 2.7 ft² (12 per 4x8 ft board)	APP-TA, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA	-45.0
	Note:	**Versa Fastener screws shall be of sufficient length for full-penetration through the LWC top coat. Field withdrawal resistance testing (Note 11) shall yield minimum 240 lbf.*								
LWC-49.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Pre-existent, min. 2-inch thick, min. 350 psi cellular lightweight concrete	Repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	Base Layer(s): (Optional) One or more layers, min. 1-inch thick FBC Approved polyisocyanurate or mineral wool insulation, loose laid Top Layer: Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Trufast Versa Fastener & Plate; 2 screws per plate installed 180° into the holes of the plate*	1 per 1.8 ft² (12 plates per 4x8 ft board in field of board, plus 1 part in corner, 2 parts on short edge and 3 parts on long edge)	APP-TA, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA	-60.0
	Note:	**Versa Fastener screws shall be of sufficient length for full-penetration through the LWC top coat. Field withdrawal resistance testing (Note 11) shall yield minimum 214 lbf.*								

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TABLE 4C: LIGHTWEIGHT CONCRETE OVER STEEL OR STRUCTURAL CONCRETE DECKS – REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER

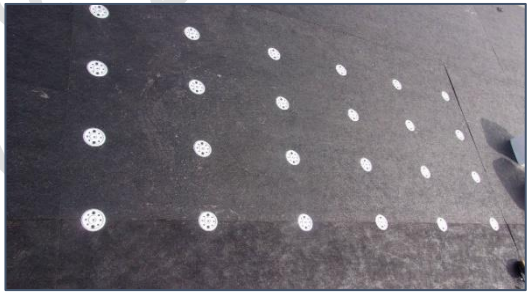
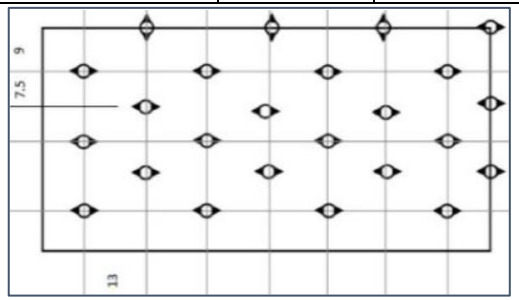
System No.	Deck (Note 1)	Lightweight Concrete (Note 14)		Insulation Layer			Roof Cover (Note 15)			MDP (psf)
		Type	Surfacing	Type	Fastener (Note 11)	Top Layer Attach	Base Ply	Ply	Cap Ply	
LWC-50.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Pre-existent, min. 2-inch thick, min. 350 psi cellular lightweight concrete	Repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	Base Layer(s): (Optional) One or more layers, min. 1-inch thick FBC Approved polyisocyanurate or mineral wool insulation, loose laid Top Layer: Min. 0.125-inch TremBoard AC	Trufast Versa Fastener & Plate; 2 screws per plate installed 180° into the holes of the plate*	1 per 1.3 ft^2 (18 plates per 4x8 ft board in field of board, plus 6 parts on long edge)	POWERply APP Smooth, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA	-67.5
	Note:	**Versa Fastener screws shall be of sufficient length for full-penetration through the LWC top coat. Field withdrawal resistance testing (Note 11) shall yield minimum 180 lbf.*								
LWC-51.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Pre-existent, min. 2-inch thick, min. 350 psi cellular lightweight concrete	Repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	Base Layer(s): (Optional) One or more layers, min. 1-inch thick FBC Approved polyisocyanurate or mineral wool insulation, loose laid Top Layer: Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Trufast Versa Fastener & Plate; 2 screws per plate installed 180° into the holes of the plate*	1 per 1.3 ft^2 (18 plates per 4x8 ft board in field of board, plus 1 part in corner, 2 parts on short edge and 3 parts on long edge)	APP-TA, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA	-97.5
	Note:	**Versa Fastener screws shall be of sufficient length for full-penetration through the LWC top coat. Field withdrawal resistance testing (Note 11) shall yield minimum 259 lbf.*								

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TABLE 4D: LIGHTWEIGHT CONCRETE OVER STEEL DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE E-2: LWC TO DECK, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER

System No.	Deck (Note 1)	Lightweight Concrete (Note 14)				Base Sheet			Roof Cover (Note 15)		MDP (psf)
		Treatment	Type	Sealer	Surfacing	Base	Fastener (Note 11)	Spacing	Base Ply(s)	Cap Ply	
BURMASTIC ADHESIVE OR POWERPLY STANDARD COLD ADHESIVE APPLIED BASE PLY:											
LWC-52.	22 ga., type BV, Grade 40 steel at max. 6 ft span	Celcore S-1 Deck Preparation Slurry	CELCORE (FL2037): Min. 440 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Glass Ply or BURmastic Composite Ply HT	Tremco FM-90 Base Sheet Fastener	9-inch o.c. at the min. 3-inch laps and 12-inch o.c. at two (2) equally spaced center rows	One or more BP-CA1 or SBS-CA1	BP-CA1 or SBS-CA1	-45.0
LWC-53.	22 ga., type BV, Grade 40 steel at max. 6 ft span	Celcore S-1 Deck Preparation Slurry	CELCORE (FL2037): Min. 440 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Glass Ply or BURmastic Composite Ply HT	Tremco FM-90 Base Sheet Fastener	7-inch o.c. at the min. 3-inch laps and 7-inch o.c. at two (2) equally spaced center rows	One or more BP-CA1 or SBS-CA1	BP-CA1 or SBS-CA1	-60.0
BURMASTIC ADHESIVE MC APPLIED BASE PLY:											
LWC-54.	22 ga., type BV, Grade 40 steel at max. 6 ft span	Celcore S-1 Deck Preparation Slurry	CELCORE (FL2037): Min. 440 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Glass Ply or BURmastic Composite Ply HT	Tremco FM-90 Base Sheet Fastener	9-inch o.c. at the min. 3-inch laps and 12-inch o.c. at two (2) equally spaced center rows	One or more BP-CA6 or SBS-CA6	BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6	-45.0
LWC-55.	22 ga., type B or BV, Grade 33 steel at max. 6 ft span	(Optional) Celcore S-1 Deck Preparation Slurry	CELCORE (FL2037): Min. 350 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Glass Ply or BURmastic Composite Ply HT	Tremco FM-90 Base Sheet Fastener	7-inch o.c. at the min. 3-inch laps and 7-inch o.c. at two (2) equally spaced center rows	One or more BP-CA6 or SBS-CA6	BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6	-60.0
LWC-56.	22 ga., type BV, Grade 40 steel at max. 6 ft span	Celcore S-1 Deck Preparation Slurry	CELCORE (FL2037): Min. 440 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Glass Ply or BURmastic Composite Ply HT	Tremco FM-90 Base Sheet Fastener	7-inch o.c. at the min. 3-inch laps and 7-inch o.c. at two (2) equally spaced center rows	One or more BP-CA6 or SBS-CA6	BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6	-67.5

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TABLE 4D: LIGHTWEIGHT CONCRETE OVER STEEL DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF) SYSTEM TYPE E-2: LWC TO DECK, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER											
System No.	Deck (Note 1)	Lightweight Concrete (Note 14)				Base Sheet			Roof Cover (Note 15)		MDP (psf)
		Treatment	Type	Sealer	Surfacing	Base	Fastener (Note 11)	Spacing	Base Ply(s)	Cap Ply	
LWC-57.	Min. 22 ga., type BV, Grade 40 steel; 6 ft span	N/A	Pre-existent (re-roof only), min. 2-inch thick, 450 psi cellular lightweight concrete	N/A	(Optional) Repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Trufast Versa Fastener (min. 2.25") & Plate; 3 screws per plate*	9-inch o.c. at 4-inch laps and 9-inch o.c. at two (2), equally spaced, staggered center rows	One or more BP-CA6 or SBS-CA6	BP-CA6 or SBS-CA6	-105.0
	Note:	**Field withdrawal resistance testing (Note 11) shall yield minimum 140 lbf.*									
POWERPLY ENDURE BIO ADHESIVE TF APPLIED BASE PLY:											
LWC-58.	22 ga., type BV, Grade 40 steel at max. 6 ft span	Celcore S-1 Deck Preparation Slurry	CELCORE (FL2037): Min. 440 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Glass Ply or BURmastic Composite Ply HT	Tremco FM-90 Base Sheet Fastener	9-inch o.c. at the min. 3-inch laps and 12-inch o.c. at two (2) equally spaced center rows	One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-45.0
LWC-59.	22 ga., type B or BV, Grade 33 steel at max. 6 ft span	(Optional) Celcore S-1 Deck Preparation Slurry	CELCORE (FL2037): Min. 350 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Glass Ply or BURmastic Composite Ply HT	Tremco FM-90 Base Sheet Fastener	7-inch o.c. at the min. 3-inch laps and 7-inch o.c. at two (2) equally spaced center rows	One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-60.0
LWC-60.	22 ga., type BV, Grade 40 steel at max. 6 ft span	Celcore S-1 Deck Preparation Slurry	CELCORE (FL2037): Min. 440 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Glass Ply or BURmastic Composite Ply HT	Tremco FM-90 Base Sheet Fastener	7-inch o.c. at the min. 3-inch laps and 7-inch o.c. at two (2) equally spaced center rows	One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-67.5
LWC-61.	Min. 22 ga., type BV, Grade 40 steel; 6 ft span	None	ELASTIZELL (NOA 23-0817.05): Min. 370 psi, Min. 2-inch thick, Elastizell Range III Cellular Concrete with Zell-Crete Fibers	None	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Tremco Twin Loc-Nails (min. 1.7" embed)	7-inch o.c. at 4-inch laps and 7-inch o.c. at two (2), equally spaced, staggered center rows	One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-45.0

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TABLE 4D: LIGHTWEIGHT CONCRETE OVER STEEL DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE E-2: LWC TO DECK, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER

System No.	Deck (Note 1)	Lightweight Concrete (Note 14)				Base Sheet			Roof Cover (Note 15)		MDP (psf)
		Treatment	Type	Sealer	Surfacing	Base	Fastener (Note 11)	Spacing	Base Ply(s)	Cap Ply	
LWC-62.	Min. 22 ga., type BV, Grade 80 steel; 6 ft span	None	ELASTIZELL (NOA 23-0817.05): Min. 430 psi, Min. 2-inch thick, Elastizell Range III Cellular Concrete with Zell-Crete Fibers	None	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Tremco Twin Loc-Nails (min. 1.7" embed)	7-inch o.c. at 4-inch laps and 7-inch o.c. at three (3), equally spaced, staggered center rows	One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-60.0
LWC-63.	Min. 22 ga., type BV, Grade 40 steel; 6 ft span	N/A	Pre-existent (re-roof only), min. 2-inch thick, 450 psi cellular lightweight concrete	N/A	(Optional) Repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Trufast Versa Fastener (min. 2.25") & Plate; 3 screws per plate*	9-inch o.c. at 4-inch laps and 9-inch o.c. at two (2), equally spaced, staggered center rows	One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-105.0
	Note:	**Field withdrawal resistance testing (Note 11) shall yield minimum 140 lbf.*									
HOT-ASPHALT-APPLIED OR TORCH-APPLIED BASE PLY:											
LWC-64.	22 ga., type BV, Grade 40 steel at max. 6 ft span	Celcore S-1 Deck Preparation Slurry	CELCORE (FL2037): Min. 440 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Glass Ply or BURmastic Composite Ply HT	Tremco FM-90 Base Sheet Fastener	9-inch o.c. at the min. 3-inch laps and 12-inch o.c. at two (2) equally spaced center rows	BP-AA, SBS-AA	BP-CA1 SBS-CA1, BP-AA, SBS-AA or APP-TA	-45.0
LWC-65.	22 ga., type B or BV, Grade 33 steel at max. 6 ft span	(Optional) Celcore S-1 Deck Preparation Slurry	CELCORE (FL2037): Min. 350 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Glass Ply or BURmastic Composite Ply HT	Tremco FM-90 Base Sheet Fastener	7-inch o.c. at the min. 3-inch laps and 7-inch o.c. at two (2) equally spaced center rows	BP-AA, SBS-AA	BP-CA1 SBS-CA1, BP-AA, SBS-AA or APP-TA	-60.0
LWC-66.	22 ga., type BV, Grade 40 steel at max. 6 ft span	Celcore S-1 Deck Preparation Slurry	CELCORE (FL2037): Min. 440 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Glass Ply or BURmastic Composite Ply HT	Tremco FM-90 Base Sheet Fastener	7-inch o.c. at the min. 3-inch laps and 7-inch o.c. at two (2) equally spaced center rows	BP-AA, SBS-AA	BP-CA1 SBS-CA1, BP-AA, SBS-AA or APP-TA	-67.5

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TABLE 4D: LIGHTWEIGHT CONCRETE OVER STEEL DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE E-2: LWC TO DECK, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER

System No.	Deck (Note 1)	Lightweight Concrete (Note 14)				Base Sheet			Roof Cover (Note 15)		MDP (psf)
		Treatment	Type	Sealer	Surfacing	Base	Fastener (Note 11)	Spacing	Base Ply(s)	Cap Ply	
LWC-67.	Min. 22 ga., type BV, Grade 40 steel; 6 ft span	N/A	Pre-existent (re-roof only), min. 2-inch thick, 450 psi cellular lightweight concrete	N/A	(Optional) Repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Trufast Versa Fastener (min. 2.25") & Plate; 3 screws per plate*	9-inch o.c. at 4-inch laps and 9-inch o.c. at two (2), equally spaced, staggered center rows	BP-AA or SBS-AA	BP-AA or SBS-AA	-105.0
	Note:	**Field withdrawal resistance testing (Note 11) shall yield minimum 140 lbf.*									
LWC-68.	22 ga., type BV, Grade 40 steel at max. 6 ft span	Celcore S-1 Deck Preparation Slurry	CELCORE (FL2037): Min. 440 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Glass Ply or BURmastic Composite Ply HT	Tremco FM-90 Base Sheet Fastener	9-inch o.c. at the min. 3-inch laps and 12-inch o.c. at two (2) equally spaced center rows	SBS-AA or SBS-TA	SBS-TA	-45.0
LWC-69.	22 ga., type B or BV, Grade 33 steel at max. 6 ft span	(Optional) Celcore S-1 Deck Preparation Slurry	CELCORE (FL2037): Min. 350 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Glass Ply or BURmastic Composite Ply HT	Tremco FM-90 Base Sheet Fastener	7-inch o.c. at the min. 3-inch laps and 7-inch o.c. at two (2) equally spaced center rows	SBS-AA or SBS-TA	SBS-TA	-60.0
LWC-70.	22 ga., type BV, Grade 40 steel at max. 6 ft span	Celcore S-1 Deck Preparation Slurry	CELCORE (FL2037): Min. 440 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Glass Ply or BURmastic Composite Ply HT	Tremco FM-90 Base Sheet Fastener	7-inch o.c. at the min. 3-inch laps and 7-inch o.c. at two (2) equally spaced center rows	SBS-AA or SBS-TA	SBS-TA	-67.5
LWC-71.	Min. 22 ga., type BV, Grade 40 steel; 6 ft span	N/A	Pre-existent (re-roof only), min. 2-inch thick, 450 psi cellular lightweight concrete	N/A	(Optional) Repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Trufast Versa Fastener (min. 2.25") & Plate; 3 screws per plate*	9-inch o.c. at 4-inch laps and 9-inch o.c. at two (2), equally spaced, staggered center rows	SBS-AA or SBS-TA	SBS-TA	-105.0
	Note:	**Field withdrawal resistance testing (Note 11) shall yield minimum 140 lbf.*									
SEBS-APPLIED BASE PLY:											

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TABLE 4D: LIGHTWEIGHT CONCRETE OVER STEEL DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF) SYSTEM TYPE E-2: LWC TO DECK, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER											
System No.	Deck (Note 1)	Lightweight Concrete (Note 14)				Base Sheet			Roof Cover (Note 15)		MDP (psf)
		Treatment	Type	Sealer	Surfacing	Base	Fastener (Note 11)	Spacing	Base Ply(s)	Cap Ply	
LWC-72.	22 ga., type BV, Grade 40 steel at max. 6 ft span	Celcore S-1 Deck Preparation Slurry	CELCORE (FL2037): Min. 440 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Glass Ply or BURmastic Composite Ply HT	Tremco FM-90 Base Sheet Fastener	9-inch o.c. at the min. 3-inch laps and 12-inch o.c. at two (2) equally spaced center rows	BP-SEBS, SBS-SEBS	SBS-SEBS	-45.0
LWC-73.	22 ga., type B or BV, Grade 33 steel at max. 6 ft span	(Optional) Celcore S-1 Deck Preparation Slurry	CELCORE (FL2037): Min. 350 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Glass Ply or BURmastic Composite Ply HT	Tremco FM-90 Base Sheet Fastener	7-inch o.c. at the min. 3-inch laps and 7-inch o.c. at two (2) equally spaced center rows	BP-SEBS, SBS-SEBS	SBS-SEBS	-60.0
LWC-74.	22 ga., type BV, Grade 40 steel at max. 6 ft span	Celcore S-1 Deck Preparation Slurry	CELCORE (FL2037): Min. 440 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Glass Ply or BURmastic Composite Ply HT	Tremco FM-90 Base Sheet Fastener	7-inch o.c. at the min. 3-inch laps and 7-inch o.c. at two (2) equally spaced center rows	BP-SEBS, SBS-SEBS	SBS-SEBS	-67.5
LWC-75.	Min. 22 ga., type BV, Grade 40 steel; 6 ft span	N/A	Pre-existent (re-roof only), min. 2-inch thick, 450 psi cellular lightweight concrete	N/A	(Optional) Repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Trufast Versa Fastener (min. 2.25") & Plate; 3 screws per plate*	9-inch o.c. at 4-inch laps and 9-inch o.c. at two (2), equally spaced, staggered center rows	BP-SEBS, SBS-SEBS	SBS-SEBS	-105.0
	Note:	**Field withdrawal resistance testing (Note 11) shall yield minimum 140 lbf.*									

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TABLE 4E: LIGHTWEIGHT CONCRETE OVER STEEL DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE E-2: LWC TO DECK, MECHANICALLY ATTACHED POWERFAST, BONDED ROOF COVER

System No.	Deck (Note 1)	Lightweight Concrete (Note 14)				PowerFAST (Note 15A)			Roof Cover (Note 15)		MDP (psf)
		Treatment	Type	Sealer	Surfacing	Base	Fastener (Note 11)	Spacing	Base Ply(s)	Cap Ply	
LWC-76.	Min. 22 ga., Type BV, Grade 40 steel	Celcore S-1 Deck Preparation Slurry	CELCORE (FL2037): Min. 350 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	POWERply Heavy Duty Base Sheet	Trufast Versa Fastener (min. 2.25") & Plate; 4 screws per plate*	12-inch o.c. within the min. 5-inch wide, Tremco LF Adhesive sealed side laps	(Optional) BP-CA1 *(laps sealed with Tremco LF Adhesive)* or SBS-CA1 *(laps hot air welded or sealed with Tremco LF Adhesive)*	BP-CA1 *(laps sealed with Tremco LF Adhesive)* or SBS-CA1 *(laps hot air welded or sealed with Tremco LF Adhesive)*	-60.0
	Note:	**For re-roof or recover construction, field withdrawal resistance testing (Note 11) shall yield minimum 310 lbf.*									
LWC-77.	Min. 22 ga., Type BV, Grade 40 steel	Celcore S-1 Deck Preparation Slurry	CELCORE (FL2037): Min. 350 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	POWERply Heavy Duty Base Sheet	Trufast Versa Fastener (min. 2.25") & Plate; 4 screws per plate*	12-inch o.c. within the min. 5-inch wide, Tremco LF Adhesive sealed side laps	(Optional) BP-AA, SBS-AA, BP-SEBS, SBS-SEBS or SBS-TA	BP-AA, SBS-AA, BP-SEBS, SBS-SEBS or SBS-TA	-60.0
	Note:	**For re-roof or recover construction, field withdrawal resistance testing (Note 11) shall yield minimum 310 lbf.*									
LWC-78.	Min. 22 ga., Type BV, Grade 40 steel	Celcore S-1 Deck Preparation Slurry	Pre-existent min. 350 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	POWERply Heavy Duty Base Sheet	Trufast Versa Fastener (min. 2.25") & Plate; 4 screws per plate*	10-inch o.c. within the min. 5-inch wide, Tremco LF Adhesive sealed side laps	(Optional) BP-AA, SBS-AA, BP-SEBS, SBS-SEBS or SBS-TA	BP-AA, SBS-AA, BP-SEBS, SBS-SEBS or SBS-TA	-82.5
	Note:	**Versa Fastener screws shall be of sufficient length for full-penetration through the LWC top coat. Field withdrawal resistance testing (Note 11) shall yield minimum 355 lbf.*									
LWC-79.	Min. 22 ga., Type BV, Grade 40 steel	Celcore S-1 Deck Preparation Slurry	CELCORE (FL2037): Min. 350 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	POWERply Heavy Duty Base Sheet	Trufast Versa Fastener (min. 2.25") & Plate; 4 screws per plate*	10-inch o.c. within the min. 5-inch wide, Tremco LF Adhesive sealed side laps and 10-inch o.c. at one (1) center row	BP-AA, SBS-AA, BP-SEBS, SBS-SEBS or SBS-TA	BP-AA, SBS-AA, BP-SEBS, SBS-SEBS or SBS-TA	-127.5
	Note:	**For re-roof or recover construction, field withdrawal resistance testing (Note 11) shall yield minimum 275 lbf.*									

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TABLE 4F: LIGHTWEIGHT CONCRETE OVER STRUCTURAL CONCRETE OR TECTUM DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF) SYSTEM TYPE E-2: VAPOR BARRIER TO DECK, LWC TO VAPOR BARRIER, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER											
System No.	Deck (Note 1)	Vapor Barrier (Note 15)	Lightweight Concrete (Note 14)			Base Sheet			Roof Cover (Note 15)		MDP (psf)
			Type	Sealer	Surfacing	Base	Fasten (Note 11)	Spacing	Base Ply(s)	Cap Ply	
BURMASTIC ADHESIVE OR POWERPLY STANDARD COLD ADHESIVE APPLIED BASE PLY:											
LWC-80.	Min. 2,500 psi structural concrete, TREMprime WB Primer	BP-CA4 (ribbons 12" o.c.)	CELCORE (FL2037): Min. 440 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Glass Ply or BURmastic Composite Ply HT	Tremco FM-90 Base Sheet Fastener	9-inch o.c. at the min. 3-inch laps and 12-inch o.c. at two (2) equally spaced center rows	One or more BP-CA1 or SBS-CA1	BP-CA1 or SBS-CA1	-45.0
LWC-81.	Min. 2,500 psi structural concrete, ASTM D41 primer	SBS-TA (smooth)	CELCORE (FL2037): Min. 440 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Glass Ply or BURmastic Composite Ply HT	Tremco FM-90 Base Sheet Fastener	9-inch o.c. at the min. 3-inch laps and 12-inch o.c. at two (2) equally spaced center rows	One or more BP-CA1 or SBS-CA1	BP-CA1 or SBS-CA1	-45.0
LWC-82.	Tectum Plank	BP-CA4, ribbons 9-inch o.c.	CELCORE (FL2037): Min. 440 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Glass Ply or BURmastic Composite Ply HT	Tremco FM-90 Base Sheet Fastener	9-inch o.c. at the min. 3-inch laps and 12-inch o.c. at two (2) equally spaced center rows	One or more BP-CA1 or SBS-CA1	BP-CA1 or SBS-CA1	-45.0
LWC-83.	Min. 2,500 psi structural concrete, TREMprime WB Primer	BP-CA4 (ribbons 12" o.c.)	CELCORE (FL2037): Min. 440 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Glass Ply or BURmastic Composite Ply HT	Tremco FM-90 Base Sheet Fastener	7-inch o.c. at the min. 3-inch laps and 7-inch o.c. at two (2) equally spaced center rows	One or more BP-CA1 or SBS-CA1	BP-CA1 or SBS-CA1	-60.0
LWC-84.	Min. 2,500 psi structural concrete, ASTM D41 primer	SBS-TA (smooth)	CELCORE (FL2037): Min. 440 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Glass Ply or BURmastic Composite Ply HT	Tremco FM-90 Base Sheet Fastener	7-inch o.c. at the min. 3-inch laps and 7-inch o.c. at two (2) equally spaced center rows	One or more BP-CA1 or SBS-CA1	BP-CA1 or SBS-CA1	-60.0
LWC-85.	Tectum Plank	BP-CA4, ribbons 9-inch o.c.	CELCORE (FL2037): Min. 440 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Glass Ply or BURmastic Composite Ply HT	Tremco FM-90 Base Sheet Fastener	7-inch o.c. at the min. 3-inch laps and 7-inch o.c. at two (2) equally spaced center rows	One or more BP-CA1 or SBS-CA1	BP-CA1 or SBS-CA1	-60.0
BURMASTIC ADHESIVE MC APPLIED BASE PLY:											
LWC-86.	Min. 2,500 psi structural concrete, TREMprime WB Primer	BP-CA6 (full coverage) or BP-CA4 (ribbons 12" o.c.)	CELCORE (FL2037): Min. 440 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Glass Ply or BURmastic Composite Ply HT	Tremco FM-90 Base Sheet Fastener	9-inch o.c. at the min. 3-inch laps and 12-inch o.c. at two (2) equally spaced center rows	One or more BP-CA6 or SBS-CA6	BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6	-45.0

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TABLE 4F: LIGHTWEIGHT CONCRETE OVER STRUCTURAL CONCRETE OR TECTUM DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE E-2: VAPOR BARRIER TO DECK, LWC TO VAPOR BARRIER, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER

System No.	Deck (Note 1)	Vapor Barrier (Note 15)	Lightweight Concrete (Note 14)			Base Sheet			Roof Cover (Note 15)		MDP (psf)
			Type	Sealer	Surfacing	Base	Fasten (Note 11)	Spacing	Base Ply(s)	Cap Ply	
LWC-87.	Min. 2,500 psi structural concrete, ASTM D41 primer	SBS-TA (smooth)	CELCORE (FL2037): Min. 440 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Glass Ply or BURmastic Composite Ply HT	Tremco FM-90 Base Sheet Fastener	9-inch o.c. at the min. 3-inch laps and 12-inch o.c. at two (2) equally spaced center rows	One or more BP-CA6 or SBS-CA6	BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6	-45.0
LWC-88.	Tectum Plank	BP-CA4, ribbons 9-inch o.c.	CELCORE (FL2037): Min. 440 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Glass Ply or BURmastic Composite Ply HT	Tremco FM-90 Base Sheet Fastener	9-inch o.c. at the min. 3-inch laps and 12-inch o.c. at two (2) equally spaced center rows	One or more BP-CA6 or SBS-CA6	BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6	-45.0
LWC-89.	Min. 2,500 psi structural concrete, TREMprime WB Primer	BP-CA6 (full coverage) or BP-CA4 (ribbons 12" o.c.)	CELCORE (FL2037): Min. 440 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Glass Ply or BURmastic Composite Ply HT	Tremco FM-90 Base Sheet Fastener	7-inch o.c. at the min. 3-inch laps and 7-inch o.c. at two (2) equally spaced center rows	One or more BP-CA6 or SBS-CA6	BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6	-67.5
LWC-90.	Min. 2,500 psi structural concrete, ASTM D41 primer	SBS-TA (smooth)	CELCORE (FL2037): Min. 440 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Glass Ply or BURmastic Composite Ply HT	Tremco FM-90 Base Sheet Fastener	7-inch o.c. at the min. 3-inch laps and 7-inch o.c. at two (2) equally spaced center rows	One or more BP-CA6 or SBS-CA6	BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6	-67.5
LWC-91.	Tectum Plank	BP-CA4, ribbons 9-inch o.c.	CELCORE (FL2037): Min. 440 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Glass Ply or BURmastic Composite Ply HT	Tremco FM-90 Base Sheet Fastener	7-inch o.c. at the min. 3-inch laps and 7-inch o.c. at two (2) equally spaced center rows	One or more BP-CA6 or SBS-CA6	BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6	-67.5
POWERPLY ENDURE BIO ADHESIVE TF APPLIED BASE PLY:											
LWC-92.	Min. 2,500 psi structural concrete, TREMprime WB Primer	BP-CA4 (ribbons 12" o.c.)	CELCORE (FL2037): Min. 440 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Glass Ply or BURmastic Composite Ply HT	Tremco FM-90 Base Sheet Fastener	9-inch o.c. at the min. 3-inch laps and 12-inch o.c. at two (2) equally spaced center rows	One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-45.0
LWC-93.	Min. 2,500 psi structural concrete	BP-CA5 or SBS-CA5 (smooth)	CELCORE (FL2037): Min. 440 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Glass Ply or BURmastic Composite Ply HT	Tremco FM-90 Base Sheet Fastener	9-inch o.c. at the min. 3-inch laps and 12-inch o.c. at two (2) equally spaced center rows	One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-45.0

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TABLE 4F: LIGHTWEIGHT CONCRETE OVER STRUCTURAL CONCRETE OR TECTUM DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE E-2: VAPOR BARRIER TO DECK, LWC TO VAPOR BARRIER, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER

System No.	Deck (Note 1)	Vapor Barrier (Note 15)	Lightweight Concrete (Note 14)			Base Sheet			Roof Cover (Note 15)		MDP (psf)
			Type	Sealer	Surfacing	Base	Fasten (Note 11)	Spacing	Base Ply(s)	Cap Ply	
LWC-94.	Min. 2,500 psi structural concrete, ASTM D41 primer	SBS-TA (smooth)	CELCORE (FL2037): Min. 440 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Glass Ply or BURmastic Composite Ply HT	Tremco FM-90 Base Sheet Fastener	9-inch o.c. at the min. 3-inch laps and 12-inch o.c. at two (2) equally spaced center rows	One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-45.0
LWC-95.	Tectum Plank	BP-CA4, ribbons 9-inch o.c.	CELCORE (FL2037): Min. 440 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Glass Ply or BURmastic Composite Ply HT	Tremco FM-90 Base Sheet Fastener	9-inch o.c. at the min. 3-inch laps and 12-inch o.c. at two (2) equally spaced center rows	One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-45.0
LWC-96.	Min. 2,500 psi structural concrete, TREMprime WB Primer	BP-CA4 (ribbons 12" o.c.)	CELCORE (FL2037): Min. 440 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Glass Ply or BURmastic Composite Ply HT	Tremco FM-90 Base Sheet Fastener	7-inch o.c. at the min. 3-inch laps and 7-inch o.c. at two (2) equally spaced center rows	One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-67.5
LWC-97.	Min. 2,500 psi structural concrete	BP-CA5 or SBS-CA5 (smooth)	CELCORE (FL2037): Min. 440 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Glass Ply or BURmastic Composite Ply HT	Tremco FM-90 Base Sheet Fastener	7-inch o.c. at the min. 3-inch laps and 7-inch o.c. at two (2) equally spaced center rows	One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-67.5
LWC-98.	Min. 2,500 psi structural concrete, ASTM D41 primer	SBS-TA (smooth)	CELCORE (FL2037): Min. 440 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Glass Ply or BURmastic Composite Ply HT	Tremco FM-90 Base Sheet Fastener	7-inch o.c. at the min. 3-inch laps and 7-inch o.c. at two (2) equally spaced center rows	One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-67.5
LWC-99.	Tectum Plank	BP-CA4, ribbons 9-inch o.c.	CELCORE (FL2037): Min. 440 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Glass Ply or BURmastic Composite Ply HT	Tremco FM-90 Base Sheet Fastener	7-inch o.c. at the min. 3-inch laps and 7-inch o.c. at two (2) equally spaced center rows	One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-67.5
HOT-ASPHALT-APPLIED OR TORCH-APPLIED BASE PLY:											
LWC-100.	Min. 2,500 psi structural concrete, TREMprime WB Primer	BP-CA6 (full coverage) or BP-CA4 (ribbons 12" o.c.)	CELCORE (FL2037): Min. 440 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Glass Ply or BURmastic Composite Ply HT	Tremco FM-90 Base Sheet Fastener	9-inch o.c. at the min. 3-inch laps and 12-inch o.c. at two (2) equally spaced center rows	BP-AA, SBS-AA	BP-CA1 SBS-CA1, BP-AA, SBS-AA or APP-TA	-45.0

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TABLE 4F: LIGHTWEIGHT CONCRETE OVER STRUCTURAL CONCRETE OR TECTUM DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE E-2: VAPOR BARRIER TO DECK, LWC TO VAPOR BARRIER, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER

System No.	Deck (Note 1)	Vapor Barrier (Note 15)	Lightweight Concrete (Note 14)			Base Sheet			Roof Cover (Note 15)		MDP (psf)
			Type	Sealer	Surfacing	Base	Fasten (Note 11)	Spacing	Base Ply(s)	Cap Ply	
LWC-101.	Min. 2,500 psi structural concrete, TREMprime WB Primer	BP-CA6 (full coverage) or BP-CA4 (ribbons 12" o.c.)	CELCORE (FL2037): Min. 440 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Glass Ply or BURmastic Composite Ply HT	Tremco FM-90 Base Sheet Fastener	9-inch o.c. at the min. 3-inch laps and 12-inch o.c. at two (2) equally spaced center rows	SBS-AA or SBS-TA	SBS-TA	-45.0
LWC-102.	Min. 2,500 psi structural concrete, ASTM D41 primer	SBS-TA (smooth)	CELCORE (FL2037): Min. 440 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Glass Ply or BURmastic Composite Ply HT	Tremco FM-90 Base Sheet Fastener	9-inch o.c. at the min. 3-inch laps and 12-inch o.c. at two (2) equally spaced center rows	BP-AA, SBS-AA	BP-CA1 SBS-CA1, BP-AA, SBS-AA or APP-TA	-45.0
LWC-103.	Min. 2,500 psi structural concrete, ASTM D41 primer	SBS-TA (smooth)	CELCORE (FL2037): Min. 440 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Glass Ply or BURmastic Composite Ply HT	Tremco FM-90 Base Sheet Fastener	9-inch o.c. at the min. 3-inch laps and 12-inch o.c. at two (2) equally spaced center rows	SBS-AA or SBS-TA	SBS-TA	-45.0
LWC-104.	Tectum Plank	BP-CA4, ribbons 9-inch o.c.	CELCORE (FL2037): Min. 440 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Glass Ply or BURmastic Composite Ply HT	Tremco FM-90 Base Sheet Fastener	9-inch o.c. at the min. 3-inch laps and 12-inch o.c. at two (2) equally spaced center rows	BP-AA, SBS-AA	BP-CA1 SBS-CA1, BP-AA, SBS-AA or APP-TA	-45.0
LWC-105.	Tectum Plank	BP-CA4, ribbons 9-inch o.c.	CELCORE (FL2037): Min. 440 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Glass Ply or BURmastic Composite Ply HT	Tremco FM-90 Base Sheet Fastener	9-inch o.c. at the min. 3-inch laps and 12-inch o.c. at two (2) equally spaced center rows	SBS-AA or SBS-TA	SBS-TA	-45.0
LWC-106.	Min. 2,500 psi structural concrete, TREMprime WB Primer	BP-CA6 (full coverage) or BP-CA4 (ribbons 12" o.c.)	CELCORE (FL2037): Min. 440 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Glass Ply or BURmastic Composite Ply HT	Tremco FM-90 Base Sheet Fastener	7-inch o.c. at the min. 3-inch laps and 7-inch o.c. at two (2) equally spaced center rows	BP-AA, SBS-AA	BP-CA1, SBS-CA1, BP-AA or SBS-AA	-67.5
LWC-107.	Min. 2,500 psi structural concrete, TREMprime WB Primer	BP-CA6 (full coverage) or BP-CA4 (ribbons 12" o.c.)	CELCORE (FL2037): Min. 440 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Glass Ply or BURmastic Composite Ply HT	Tremco FM-90 Base Sheet Fastener	7-inch o.c. at the min. 3-inch laps and 7-inch o.c. at two (2) equally spaced center rows	SBS-AA or SBS-TA	SBS-TA	-67.5

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TABLE 4F: LIGHTWEIGHT CONCRETE OVER STRUCTURAL CONCRETE OR TECTUM DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE E-2: VAPOR BARRIER TO DECK, LWC TO VAPOR BARRIER, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER

System No.	Deck (Note 1)	Vapor Barrier (Note 15)	Lightweight Concrete (Note 14)			Base Sheet			Roof Cover (Note 15)		MDP (psf)
			Type	Sealer	Surfacing	Base	Fasten (Note 11)	Spacing	Base Ply(s)	Cap Ply	
LWC-108.	Min. 2,500 psi structural concrete, ASTM D41 primer	SBS-TA (smooth)	CELCORE (FL2037): Min. 440 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Glass Ply or BURmastic Composite Ply HT	Tremco FM-90 Base Sheet Fastener	7-inch o.c. at the min. 3-inch laps and 7-inch o.c. at two (2) equally spaced center rows	BP-AA, SBS-AA	BP-CA1 SBS-CA1, BP-AA, SBS-AA or APP-TA	-67.5
LWC-109.	Min. 2,500 psi structural concrete, ASTM D41 primer	SBS-TA (smooth)	CELCORE (FL2037): Min. 440 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Glass Ply or BURmastic Composite Ply HT	Tremco FM-90 Base Sheet Fastener	7-inch o.c. at the min. 3-inch laps and 7-inch o.c. at two (2) equally spaced center rows	SBS-AA or SBS-TA	SBS-TA	-67.5
LWC-110.	Tectum Plank	BP-CA4, ribbons 9-inch o.c.	CELCORE (FL2037): Min. 440 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Glass Ply or BURmastic Composite Ply HT	Tremco FM-90 Base Sheet Fastener	7-inch o.c. at the min. 3-inch laps and 7-inch o.c. at two (2) equally spaced center rows	BP-AA, SBS-AA	BP-CA1 SBS-CA1, BP-AA, SBS-AA or APP-TA	-67.5
LWC-111.	Tectum Plank	BP-CA4, ribbons 9-inch o.c.	CELCORE (FL2037): Min. 440 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Glass Ply or BURmastic Composite Ply HT	Tremco FM-90 Base Sheet Fastener	7-inch o.c. at the min. 3-inch laps and 7-inch o.c. at two (2) equally spaced center rows	SBS-AA or SBS-TA	SBS-TA	-67.5
SEBS-APPLIED BASE PLY:											
LWC-112.	Min. 2,500 psi structural concrete, TREMprime WB Primer	BP-CA6 (full coverage) or BP-CA4 (ribbons 12" o.c.)	CELCORE (FL2037): Min. 440 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Glass Ply or BURmastic Composite Ply HT	Tremco FM-90 Base Sheet Fastener	9-inch o.c. at the min. 3-inch laps and 12-inch o.c. at two (2) equally spaced center rows	BP-SEBS, SBS-AA	SBS-SEBS	-45.0
LWC-113.	Min. 2,500 psi structural concrete, ASTM D41 primer	SBS-TA (smooth)	CELCORE (FL2037): Min. 440 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Glass Ply or BURmastic Composite Ply HT	Tremco FM-90 Base Sheet Fastener	9-inch o.c. at the min. 3-inch laps and 12-inch o.c. at two (2) equally spaced center rows	BP-SEBS, SBS-AA	SBS-SEBS	-45.0
LWC-114.	Tectum Plank	BP-CA4, ribbons 9-inch o.c.	CELCORE (FL2037): Min. 440 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Glass Ply or BURmastic Composite Ply HT	Tremco FM-90 Base Sheet Fastener	9-inch o.c. at the min. 3-inch laps and 12-inch o.c. at two (2) equally spaced center rows	BP-SEBS, SBS-AA	SBS-SEBS	-45.0

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TABLE 4F: LIGHTWEIGHT CONCRETE OVER STRUCTURAL CONCRETE OR TECTUM DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE E-2: VAPOR BARRIER TO DECK, LWC TO VAPOR BARRIER, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER

System No.	Deck (Note 1)	Vapor Barrier (Note 15)	Lightweight Concrete (Note 14)			Base Sheet			Roof Cover (Note 15)		MDP (psf)
			Type	Sealer	Surfacing	Base	Fasten (Note 11)	Spacing	Base Ply(s)	Cap Ply	
LWC-115.	Min. 2,500 psi structural concrete, TREMprime WB Primer	BP-CA6 (full coverage) or BP-CA4 (ribbons 12" o.c.)	CELCORE (FL2037): Min. 440 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Glass Ply or BURmastic Composite Ply HT	Tremco FM-90 Base Sheet Fastener	7-inch o.c. at the min. 3-inch laps and 7-inch o.c. at two (2) equally spaced center rows	BP-SEBS, SBS-AA	SBS-SEBS	-67.5
LWC-116.	Min. 2,500 psi structural concrete, ASTM D41 primer	SBS-TA (smooth)	CELCORE (FL2037): Min. 440 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Glass Ply or BURmastic Composite Ply HT	Tremco FM-90 Base Sheet Fastener	7-inch o.c. at the min. 3-inch laps and 7-inch o.c. at two (2) equally spaced center rows	BP-SEBS, SBS-AA	SBS-SEBS	-67.5
LWC-117.	Tectum Plank	BP-CA4, ribbons 9-inch o.c.	CELCORE (FL2037): Min. 440 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Glass Ply or BURmastic Composite Ply HT	Tremco FM-90 Base Sheet Fastener	7-inch o.c. at the min. 3-inch laps and 7-inch o.c. at two (2) equally spaced center rows	BP-SEBS, SBS-AA	SBS-SEBS	-67.5

TABLE 4G: LIGHTWEIGHT CONCRETE OVER STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE F: LWC TO DECK, BONDED ROOF COVER

System No.	Deck (Note 1)	Lightweight Concrete (Note 14)				Roof Cover (Note 15)			MDP (psf)
		Deck Treatment	Type	Sealer	Surfacing	Base Ply	Ply	Cap Ply	
LWC-118.	22 ga., type BV, Grade 40 steel at max. 6 ft span or structural concrete	(Optional) Celcore S-1 Deck Preparation Slurry	CELCORE (FL2037): Min. 370 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	Celcore SBS (Sanded Bonding Surface) at 1 gal/sq.	BP-CA4, ribbons 9-inch o.c. *(laps sealed with Tremco LF Adhesive)*	(Optional) One or more BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6	BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6	-60.0
LWC-119.	22 ga., type BV, Grade 40 steel at max. 6 ft span or structural concrete	(Optional) Celcore S-1 Deck Preparation Slurry	CELCORE (FL2037): Min. 370 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	Celcore SBS (Sanded Bonding Surface) at 1 gal/sq.	BP-CA4, ribbons 9-inch o.c. *(laps sealed with Tremco LF Adhesive)*	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-60.0

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TABLE 4H: LIGHTWEIGHT CONCRETE OVER STRUCTURAL CONCRETE OR TECTUM DECKS – NEW CONSTRUCTION SYSTEM TYPE F: VAPOR BARRIER TO DECK, LWC TO VAPOR BARRIER, BONDED ROOF COVER										
System No.	Deck (Note 1)	Vapor Barrier (Note 15)	Lightweight Concrete (Note 14)				Roof Cover (Note 15)			MDP (psf)
			Surface Treatment	Type	Sealer	Surfacing	Base Ply	Ply	Cap Ply	
LWC-120.	Min. 2,500 psi structural concrete, TREMprime WB Primer	BP-CA6 (full coverage) or BP-CA4 (ribbons 12" o.c.)	(Optional) Celcore S-1 Deck Preparation Slurry	CELCORE (FL2037): Min. 370 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	Celcore SBS (Sanded Bonding Surface) at 1 gal/sq.	BP-CA4, ribbons 9-inch o.c. *(laps sealed with Tremco LF Adhesive)*	(Optional) One or more BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6	BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6	-60.0
LWC-121.	Min. 2,500 psi structural concrete	BP-CA5 or SBS-CA5 (smooth)	(Optional) Celcore S-1 Deck Preparation Slurry	CELCORE (FL2037): Min. 370 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	Celcore SBS (Sanded Bonding Surface) at 1 gal/sq.	BP-CA4, ribbons 9-inch o.c. *(laps sealed with Tremco LF Adhesive)*	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-60.0
LWC-122.	Tectum Plank	BP-CA4, ribbons 9-inch o.c.	(Optional) Celcore S-1 Deck Preparation Slurry	CELCORE (FL2037): Min. 370 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	Celcore SBS (Sanded Bonding Surface) at 1 gal/sq.	BP-CA4, ribbons 9-inch o.c. *(laps sealed with Tremco LF Adhesive)*	(Optional) One or more BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6	BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6	-60.0
LWC-123.	Tectum Plank	BP-CA4, ribbons 9-inch o.c.	(Optional) Celcore S-1 Deck Preparation Slurry	CELCORE (FL2037): Min. 370 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	Celcore SBS (Sanded Bonding Surface) at 1 gal/sq.	BP-CA4, ribbons 9-inch o.c. *(laps sealed with Tremco LF Adhesive)*	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-60.0
LWC-124.	Min. 2,500 psi structural concrete, ASTM D41 primer	SBS-TA (smooth) or POWERply APP Base Sheet, torch-applied	(Optional) Celcore S-1 Deck Preparation Slurry	CELCORE (FL2037): Min. 370 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	Celcore SBS (Sanded Bonding Surface) at 1 gal/sq.	BP-CA4, ribbons 9-inch o.c. *(laps sealed with Tremco LF Adhesive)*	(Optional) One or more BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6	BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6	-60.0
LWC-125.	Min. 2,500 psi structural concrete, ASTM D41 primer	SBS-TA (smooth) or POWERply APP Base Sheet, torch-applied	(Optional) Celcore S-1 Deck Preparation Slurry	CELCORE (FL2037): Min. 370 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	Celcore SBS (Sanded Bonding Surface) at 1 gal/sq.	BP-CA4, ribbons 9-inch o.c. *(laps sealed with Tremco LF Adhesive)*	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-60.0

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TABLE 5A: CEMENTITIOUS WOOD FIBER DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF) SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER									
System No.	Deck (Note 1)	Base Insulation Layer		Top Insulation Layer		Roof Cover (Note 15)			MDP (psf)
		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
BURMASTIC ADHESIVE OR POWERPLY STANDARD COLD ADHESIVE APPLIED BASE PLY:									
CWF-1.	Min. 2-inch Tectum I Plank	One or more layers, min. 1-inch Trisotech G, Trisotech, EnergyGuard Polyiso Insulation, H-Shield, Elevate ISOGARD GL, Multi-Max FA-3	LRFIA or LRFIA(BG)	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG)	BP-CA1 or SBS-CA1	(Optional) One or more BP-CA1 or SBS-CA1	BP-CA1 or SBS-CA1	-60.0
BURMASTIC ADHESIVE MC APPLIED BASE PLY:									
CWF-2.	Min. 2-inch Tectum I Plank	One or more layers, min. 1-inch Trisotech G, Trisotech, EnergyGuard Polyiso Insulation, H-Shield, Elevate ISOGARD GL, Multi-Max FA-3	LRFIA or LRFIA(BG)	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG)	BP-CA6 or SBS-CA6	(Optional) One or more BP-CA6 or SBS-CA6	BP-CA6 or SBS-CA6	-82.5
POWERPLY ENDURE BIO ADHESIVE TF APPLIED BASE PLY:									
CWF-3.	Min. 2-inch Tectum I Plank	One or more layers, min. 1-inch Trisotech G, Trisotech, EnergyGuard Polyiso Insulation, H-Shield, Elevate ISOGARD GL, Multi-Max FA-3	LRFIA or LRFIA(BG)	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG)	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-82.5
HOT-ASPHALT-APPLIED BASE PLY:									
CWF-4.	Min. 2-inch Tectum I Plank	Min. 1.5-inch Trisotech G, Trisotech, Elevate ISOGARD GL or Multi-Max FA3	LRFIA or LRFIA(BG)	Min. 0.125-inch TremBoard AC or min. 0.25-inch DensDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	Hot asphalt	BP-AA, SBS-AA	(Optional) BP-AA or SBS-AA	BP-AA or SBS-AA	-75.0
CWF-5.	Min. 2-inch Tectum I Plank	Min. 1.5-inch Trisotech G, Trisotech, Elevate ISOGARD GL or Multi-Max FA3	LRFIA or LRFIA(BG)	Min. 0.125-inch TremBoard AC or min. 0.25-inch DensDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	Hot asphalt	SBS-AA	(Optional) One or more SBS-AA, SBS-TA	SBS-TA	-75.0
CWF-6.	Min. 2-inch Tectum I Plank	One or more layers, min. 1-inch Trisotech G, Trisotech, EnergyGuard Polyiso Insulation, H-Shield, Elevate ISOGARD GL, Multi-Max FA-3	LRFIA or LRFIA(BG)	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG)	SBS-AA	(Optional) One or more BP-AA, SBS-AA or APP-TA	BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA	-82.5
CWF-7.	Min. 2-inch Tectum I Plank	One or more layers, min. 1-inch Trisotech G, Trisotech, EnergyGuard Polyiso Insulation, H-Shield, Elevate ISOGARD GL, Multi-Max FA-3	LRFIA or LRFIA(BG)	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG)	SBS-AA	(Optional) One or more SBS-AA, SBS-TA	SBS-TA	-82.5

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TABLE 5A: CEMENTITIOUS WOOD FIBER DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF) SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER									
System No.	Deck (Note 1)	Base Insulation Layer		Top Insulation Layer		Roof Cover (Note 15)			MDP (psf)
		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
SEBS-APPLIED BASE PLY:									
CWF-8.	Min. 2-inch Tectum I Plank	Min. 1.5-inch Trisotech G, Trisotech, Elevate ISOGARD GL or Multi-Max FA3	LRFIA or LRFIA(BG)	Min. 0.125-inch TremBoard AC or min. 0.25-inch DensDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	Hot asphalt	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-75.0
CWF-9.	Min. 2-inch Tectum I Plank	One or more layers, min. 1-inch Trisotech G, Trisotech, EnergyGuard Polyiso Insulation, H-Shield, Elevate ISOGARD GL, Multi-Max FA-3	LRFIA or LRFIA(BG)	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG)	BP-SEBS *(except BURmastic Glass Ply, BURmastic Glass Ply – 28 lb or THERMglas)*, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-82.5
TORCH-APPLIED BASE PLY:									
CWF-10.	Min. 2-inch Tectum I Plank	One or more layers, min. 1-inch Trisotech G, Trisotech, EnergyGuard Polyiso Insulation, H-Shield, Elevate ISOGARD GL, Multi-Max FA-3	LRFIA or LRFIA(BG)	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG)	SBS-TA	(Optional) SBS-TA	SBS-TA	-82.5

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TABLE 5B: CEMENTITIOUS WOOD FIBER DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE B-3: MECHANICALLY ATTACHED ANCHOR SHEET, BONDED INSULATION, BONDED ROOF COVER

System No.	Deck (Note 1)	Anchor Sheet			Vapor Barrier	Base Insulation		Top Insulation		Roof Cover (Note 15)			MDP (psf)
		Type	Fasten (Note 11)	Attach		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
BURMASTIC ADHESIVE OR POWERPLY STANDARD COLD ADHESIVE APPLIED BASE PLY:													
CWF-11.	Min. 2-inch Tectum I Plank	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Tremco Twin Loc-Nails (min. 1.8-inch embed)	6-inch o.c. at 4-inch laps and 12-inch o.c. at four (4), equally spaced center rows	None	(Optional) Min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 6-inch o.c.	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA1 or SBS-CA1	(Optional) One or more BP-CA1 or SBS-CA1	BP-CA1 or SBS-CA1	-60.0
BURMASTIC ADHESIVE MC APPLIED BASE PLY:													
CWF-12.	Min. 2-inch Tectum I Plank	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Tremco Twin Loc-Nails (min. 1.8-inch embed)	6-inch o.c. at 4-inch laps and 12-inch o.c. at four (4), equally spaced center rows	None	(Optional) Min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 6-inch o.c.	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6	-75.0
POWERPLY ENDURE BIO ADHESIVE TF APPLIED BASE PLY:													
CWF-13.	Min. 2-inch Tectum I Plank	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Tremco Twin Loc-Nails (min. 1.8-inch embed)	6-inch o.c. at 4-inch laps and 12-inch o.c. at four (4), equally spaced center rows	(Optional) BP-CA5 or SBS-CA5	(Optional) Min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 6-inch o.c.	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-75.0
HOT-ASPHALT-APPLIED BASE PLY:													
CWF-14.	Min. 2-inch Tectum I Plank	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Tremco Twin Loc-Nails (min. 1.8-inch embed)	6-inch o.c. at 4-inch laps and 12-inch o.c. at four (4), equally spaced center rows	None	(Optional) Min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 6-inch o.c.	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-AA, SBS-AA	(Optional) BP-AA or SBS-AA	BP-CA1, BP-AA, SBS-CA1 or SBS-AA	-75.0
CWF-15.	Min. 2-inch Tectum I Plank	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Tremco Twin Loc-Nails (min. 1.8-inch embed)	6-inch o.c. at 4-inch laps and 12-inch o.c. at four (4), equally spaced center rows	(Optional) BP-AA, SBS-AA or SBS-TA (smooth)	Min. 1.5-inch Trisotech G, Trisotech, Elevate ISOGARD GL or Multi-Max FA3	Hot asphalt	Min. 0.125-inch TremBoard AC or min. 0.25-inch DensDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	Hot asphalt	BP-AA, SBS-AA	(Optional) One or more BP-CA1 or SBS-CA1	BP-CA1, SBS-CA1	-60.0

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TABLE 5B: CEMENTITIOUS WOOD FIBER DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER SYSTEM TYPE B-3: MECHANICALLY ATTACHED ANCHOR SHEET, BONDED INSULATION, BONDED ROOF COVER													
System No.	Deck (Note 1)	Anchor Sheet			Vapor Barrier	Base Insulation		Top Insulation		Roof Cover (Note 15)			MDP (psf)
		Type	Fasten (Note 11)	Attach		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
CWF-16.	Min. 2-inch Tectum I Plank	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Tremco Twin Loc-Nails (min. 1.8-inch embed)	6-inch o.c. at 4-inch laps and 12-inch o.c. at four (4), equally spaced center rows	(Optional) BP-AA, SBS-AA or SBS-TA (smooth)	Min. 1.5-inch Trisotech G, Trisotech, Elevate ISOGARD GL or Multi-Max FA3	Hot asphalt	Min. 0.125-inch TremBoard AC or min. 0.25-inch DensDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	Hot asphalt	BP-AA, SBS-AA	(Optional) BP-AA or SBS-AA	BP-AA or SBS-AA	-75.0
CWF-17.	Min. 2-inch Tectum I Plank	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Tremco Twin Loc-Nails (min. 1.8-inch embed)	6-inch o.c. at 4-inch laps and 12-inch o.c. at four (4), equally spaced center rows	(Optional) BP-AA, SBS-AA or SBS-TA (smooth)	Min. 1.5-inch Trisotech G, Trisotech, Elevate ISOGARD GL or Multi-Max FA3	Hot asphalt	Min. 0.125-inch TremBoard AC or min. 0.25-inch DensDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	Hot asphalt	SBS-AA	(Optional) One or more SBS-AA, SBS-TA	SBS-TA	-75.0
SEBS-APPLIED BASE PLY:													
CWF-18.	Min. 2-inch Tectum I Plank	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Tremco Twin Loc-Nails (min. 1.8-inch embed)	6-inch o.c. at 4-inch laps and 12-inch o.c. at four (4), equally spaced center rows	None	(Optional) Min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 6-inch o.c.	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-75.0
CWF-19.	Min. 2-inch Tectum I Plank	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Tremco Twin Loc-Nails (min. 1.8-inch embed)	6-inch o.c. at 4-inch laps and 12-inch o.c. at four (4), equally spaced center rows	(Optional) BP-AA, SBS-AA or SBS-TA (smooth)	Min. 1.5-inch Trisotech G, Trisotech, Elevate ISOGARD GL or Multi-Max FA3	Hot asphalt	Min. 0.125-inch TremBoard AC or min. 0.25-inch DensDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	Hot asphalt	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-75.0
TORCH-APPLIED BASE PLY:													
CWF-20.	Min. 2-inch Tectum I Plank	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Tremco Twin Loc-Nails (min. 1.8-inch embed)	6-inch o.c. at 4-inch laps and 12-inch o.c. at four (4), equally spaced center rows	(Optional) BP-CA5 or SBS-CA5	(Optional) Min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 6-inch o.c.	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	APP-TA, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA	-75.0

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TABLE 5B: CEMENTITIOUS WOOD FIBER DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER SYSTEM TYPE B-3: MECHANICALLY ATTACHED ANCHOR SHEET, BONDED INSULATION, BONDED ROOF COVER													
System No.	Deck (Note 1)	Anchor Sheet			Vapor Barrier	Base Insulation		Top Insulation		Roof Cover (Note 15)			MDP (psf)
		Type	Fasten (Note 11)	Attach		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
CWF-21.	Min. 2-inch Tectum I Plank	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Tremco Twin Loc-Nails (min. 1.8-inch embed)	6-inch o.c. at 4-inch laps and 12-inch o.c. at four (4), equally spaced center rows	(Optional) BP-AA, SBS-AA or SBS-TA (smooth)	Min. 1.5-inch Trisotech G, Trisotech, Elevate ISOGARD GL or Multi-Max FA3	Hot asphalt	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	Hot asphalt	APP-TA, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA	-75.0

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TABLE 6A: EXISTING GYPSUM DECKS – REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER

System No.	Deck (Note 1, Note 12)	Base Insulation Layer		Top Insulation Layer		Roof Cover (Note 15)			MDP (psf)
		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
BURMASTIC ADHESIVE OR POWERPLY STANDARD COLD ADHESIVE APPLIED BASE PLY:									
G-1.	Existing gypsum deck	Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, Elevate ISOGARD CG	LRFIA or LRFIA(BG)	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch SECUROCK Cement Roof Board or Structodek HD with Primed Red Coating or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG)	BP-CA1 or SBS-CA1	(Optional) One or more BP-CA1 or SBS-CA1	BP-CA1 or SBS-CA1	-60.0
BURMASTIC ADHESIVE MC APPLIED BASE PLY:									
G-2.	Existing gypsum deck	Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, Elevate ISOGARD CG	LRFIA or LRFIA(BG)	Min. 0.5-inch Structodek HD with Primed Red Coating	LRFIA or LRFIA(BG)	BP-CA6 or SBS-CA6	(Optional) One BP-CA1 or SBS-CA1 or one or more BP-CA6 or SBS-CA6	BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6	-165.0
G-3.	Existing gypsum deck	Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, Elevate ISOGARD CG	LRFIA or LRFIA(BG)	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG)	BP-CA6 or SBS-CA6	(Optional) One or more BP-CA6 or SBS-CA6	BP-CA6 or SBS-CA6	-202.5
POWERPLY ENDURE BIO ADHESIVE TF APPLIED BASE PLY:									
G-4.	Existing gypsum deck	Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, Elevate ISOGARD CG	LRFIA or LRFIA(BG)	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG)	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-157.5
G-5.	Existing gypsum deck	Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, Elevate ISOGARD CG	LRFIA or LRFIA(BG)	Min. 0.5-inch Structodek HD with Primed Red Coating	LRFIA or LRFIA(BG)	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-165.0
G-6.	Existing gypsum deck	Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, Elevate ISOGARD CG	LRFIA or LRFIA(BG)	Min. 0.25-inch DensDeck Prime	LRFIA or LRFIA(BG)	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-202.5
HOT-ASPHALT-APPLIED BASE PLY:									
G-7.	Existing gypsum deck	Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, Elevate ISOGARD CG	LRFIA or LRFIA(BG)	Min. 0.5-inch Structodek HD with Primed Red Coating	LRFIA or LRFIA(BG)	BP-AA, SBS-AA	(Optional) One BP-CA1 or SBS-CA1 or one or more BP-AA, SBS-AA or APP-TA	BP-CA1, SBS-CA1, BP-AA or SBS-AA	-165.0
G-8.	Existing gypsum deck	Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, Elevate ISOGARD CG	LRFIA or LRFIA(BG)	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG)	BP-AA, SBS-AA	(Optional) One BP-CA1 or SBS-CA1 or one or more BP-AA, SBS-AA or APP-TA	BP-CA1 SBS-CA1, BP-AA, SBS-AA or APP-TA	-180.0
G-9.	Existing gypsum deck	Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, Elevate ISOGARD CG	LRFIA or LRFIA(BG)	Min. 0.5-inch Structodek HD with Primed Red Coating	LRFIA or LRFIA(BG)	SBS-AA	(Optional) One or more SBS-AA, SBS-TA	SBS-TA	-165.0

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TABLE 6A: EXISTING GYPSUM DECKS – REROOF (TEAR-OFF) SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER									
System No.	Deck (Note 1, Note 12)	Base Insulation Layer		Top Insulation Layer		Roof Cover (Note 15)			MDP (psf)
		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
G-10.	Existing gypsum deck	Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, Elevate ISOGARD CG	LRFIA or LRFIA(BG)	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG)	SBS-AA	(Optional) One or more SBS-AA, SBS-TA	SBS-TA	-180.0
SEBS-APPLIED BASE PLY:									
G-11.	Existing gypsum deck	Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, Elevate ISOGARD CG	LRFIA or LRFIA(BG)	Min. 0.5-inch Structodek HD with Primed Red Coating	LRFIA or LRFIA(BG)	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-165.0
G-12.	Existing gypsum deck	Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, Elevate ISOGARD CG	LRFIA or LRFIA(BG)	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG)	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-202.5
TORCH-APPLIED BASE PLY:									
G-13.	Existing gypsum deck	Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, Elevate ISOGARD CG	LRFIA or LRFIA(BG)	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG)	APP-TA, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA	-180.0
G-14.	Existing gypsum deck	Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, Elevate ISOGARD CG	LRFIA or LRFIA(BG)	Min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG)	APP-TA, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA	-202.5

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TABLE 6B: EXISTING GYPSUM DECKS – REROOF (TEAR-OFF)
SYSTEM TYPE A-1A: BONDED VAPOR BARRIER, BONDED INSULATION, BONDED ROOF COVER

System No.	Deck (Note 1, Note 12)	Vapor Barrier (Note 15)	Base Insulation		Top Insulation		Roof Cover (Note 15)			MDP (psf)
			Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
BURMASTIC ADHESIVE OR POWERPLY STANDARD COLD ADHESIVE APPLIED BASE PLY:										
G-15.	Existing gypsum deck	BP-CA6	Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, Elevate ISOGARD CG	LRFIA or LRFIA(BG)	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch SECUROCK Cement Roof Board or Structodek HD with Primed Red Coating or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG)	BP-CA1 or SBS-CA1	(Optional) One or more BP-CA1 or SBS-CA1	BP-CA1 or SBS-CA1	-60.0
BURMASTIC ADHESIVE MC APPLIED BASE PLY:										
G-16.	Existing gypsum deck	BP-CA6	Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, Elevate ISOGARD CG	LRFIA or LRFIA(BG)	Min. 0.5-inch Structodek HD with Primed Red Coating	LRFIA or LRFIA(BG)	BP-CA6 or SBS-CA6	(Optional) One BP-CA1 or SBS-CA1 or one or more BP-CA6 or SBS-CA6	BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6	-165.0
G-17.	Existing gypsum deck	BP-CA6	Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, Elevate ISOGARD CG	LRFIA or LRFIA(BG)	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG)	BP-CA6 or SBS-CA6	(Optional) One or more BP-CA6 or SBS-CA6	BP-CA6 or SBS-CA6	-182.5
POWERPLY ENDURE BIO ADHESIVE TF APPLIED BASE PLY:										
G-18.	Existing gypsum deck	BP-CA5 or SBS-CA5 (smooth)	Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, Elevate ISOGARD CG	LRFIA or LRFIA(BG)	Min. 0.5-inch Structodek HD with Primed Red Coating	LRFIA or LRFIA(BG)	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-165.0
G-19.	Existing gypsum deck	BP-CA5 or SBS-CA5 (smooth)	Min. 1-inch Trisotech G, Trisotech CGF, Trisotech, EnergyGuard Polyiso Insulation, H-Shield, Elevate ISOGARD GL, Multi-Max FA-3, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG)	Min. 0.625-inch SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG)	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-195.0
G-20.	Existing gypsum deck	BP-CA5 or SBS-CA5 (smooth)	Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, Elevate ISOGARD CG	LRFIA or LRFIA(BG)	Min. 0.25-inch DensDeck Prime	LRFIA or LRFIA(BG)	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-262.5
HOT-ASPHALT-APPLIED BASE PLY:										
G-21.	Existing gypsum deck	BP-CA6	Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, Elevate ISOGARD CG	LRFIA or LRFIA(BG)	Min. 0.5-inch Structodek HD with Primed Red Coating	LRFIA or LRFIA(BG)	BP-AA, SBS-AA	(Optional) One BP-CA1 or SBS-CA1 or one or more BP-AA, SBS-AA or APP-TA	BP-CA1 SBS-CA1, BP-AA, SBS-AA or APP-TA	-165.0

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TABLE 6B: EXISTING GYPSUM DECKS – REROOF (TEAR-OFF) SYSTEM TYPE A-1A: BONDED VAPOR BARRIER, BONDED INSULATION, BONDED ROOF COVER										
System No.	Deck (Note 1, Note 12)	Vapor Barrier (Note 15)	Base Insulation		Top Insulation		Roof Cover (Note 15)			MDP (psf)
			Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
G-22.	Existing gypsum deck	BP-CA6	Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, Elevate ISOGARD CG	LRFIA or LRFIA(BG)	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG)	BP-AA, SBS-AA	(Optional) One BP-CA1 or SBS-CA1 or one or more BP-AA, SBS-AA or APP-TA	BP-CA1 SBS-CA1, BP-AA, SBS-AA or APP-TA	-180.0
G-23.	Existing gypsum deck	BP-CA6	Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, Elevate ISOGARD CG	LRFIA or LRFIA(BG)	Min. 0.5-inch Structodek HD with Primed Red Coating	LRFIA or LRFIA(BG)	SBS-AA	(Optional) One or more SBS-AA, SBS-TA	SBS-TA	-165.0
G-24.	Existing gypsum deck	BP-CA6	Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, Elevate ISOGARD CG	LRFIA or LRFIA(BG)	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG)	SBS-AA	(Optional) One or more SBS-AA, SBS-TA	SBS-TA	-180.0
SEBS-APPLIED BASE PLY:										
G-25.	Existing gypsum deck	BP-CA6	Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, Elevate ISOGARD CG	LRFIA or LRFIA(BG)	Min. 0.5-inch Structodek HD with Primed Red Coating	LRFIA or LRFIA(BG)	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-165.0
G-26.	Existing gypsum deck	BP-CA6	Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, Elevate ISOGARD CG	LRFIA or LRFIA(BG)	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG)	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-182.5
TORCH-APPLIED BASE PLY:										
G-27.	Existing gypsum deck	BP-CA6	Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, Elevate ISOGARD CG	LRFIA or LRFIA(BG)	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG)	APP-TA, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA	-180.0
G-28.	Existing gypsum deck	BP-CA6	Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, Elevate ISOGARD CG	LRFIA or LRFIA(BG)	Min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG)	APP-TA, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA	-182.5

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TABLE 6C: EXISTING GYPSUM DECKS – REROOF (TEAR-OFF)
SYSTEM TYPE B-3: MECHANICALLY ATTACHED ANCHOR SHEET, BONDED INSULATION, BONDED ROOF COVER

System No.	Deck (Note 1)	Anchor Sheet			Primer or Vapor Barrier (Note 15)	Base Insulation		Top Insulation		Roof Cover (Note 15)			MDP (psf)
		Type	Fasten (Note 11)	Attach		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
BURMASTIC ADHESIVE OR POWERPLY STANDARD COLD ADHESIVE APPLIED BASE PLY:													
G-29.	Existing gypsum deck	BURmastic Glass Ply, BURmastic Glass Ply – 28 lb, BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Twin Loc-Nail Assembled Fastener (Field W/D > 90 lbf)	9-inch o.c. at 4-inch lap and 18-inch o.c. at two (2), equally spaced, staggered center rows	TREMprime WB primer	Min. 1.5-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG)	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or Min. 0.5-inch Structodek HD with Primed Red Coating	LRFIA or LRFIA(BG)	BP-CA1 or SBS-CA1	(Optional) BP-CA1 or SBS-CA1	BP-CA1 or SBS-CA1	-45.0*
BURMASTIC ADHESIVE MC APPLIED BASE PLY:													
G-30.	Existing gypsum deck	BURmastic Glass Ply, BURmastic Glass Ply – 28 lb, BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Twin Loc-Nail Assembled Fastener (Field W/D > 90 lbf)	9-inch o.c. at 4-inch lap and 18-inch o.c. at two (2), equally spaced, staggered center rows	TREMprime WB primer	Min. 1.5-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG)	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or Min. 0.5-inch Structodek HD with Primed Red Coating	LRFIA or LRFIA(BG)	BP-CA6 or SBS-CA6	(Optional) BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6	BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6	-45.0*
G-31.	Existing gypsum deck	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Tremco Twin Loc-Nails (Field W/D > 67 lbf)	6-inch o.c. at 4-inch laps and 12-inch o.c. at four (4), equally spaced center rows	None	(Optional) Min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 6-inch o.c.	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	BP-CA6 or SBS-CA6	-75.0
POWERPLY ENDURE BIO ADHESIVE TF APPLIED BASE PLY:													
G-32.	Existing gypsum deck	BURmastic Glass Ply, BURmastic Glass Ply – 28 lb, BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Twin Loc-Nail Assembled Fastener (Field W/D > 90 lbf)	9-inch o.c. at 4-inch lap and 18-inch o.c. at two (2), equally spaced, staggered center rows	TREMprime WB primer	Min. 1.5-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG)	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or Min. 0.5-inch Structodek HD with Primed Red Coating	LRFIA or LRFIA(BG)	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-45.0*
G-33.	Existing gypsum deck	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Twin Loc-Nail Assembled Fastener (Field W/D > 90 lbf)	9-inch o.c. at 4-inch lap and 18-inch o.c. at two (2), equally spaced, staggered center rows	BP-CA5 or SBS-CA5	Min. 1.5-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG)	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or Min. 0.5-inch Structodek HD with Primed Red Coating	LRFIA or LRFIA(BG)	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-45.0*

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TABLE 6C: EXISTING GYPSUM DECKS – REROOF (TEAR-OFF)
SYSTEM TYPE B-3: MECHANICALLY ATTACHED ANCHOR SHEET, BONDED INSULATION, BONDED ROOF COVER

System No.	Deck (Note 1)	Anchor Sheet			Primer or Vapor Barrier (Note 15)	Base Insulation		Top Insulation		Roof Cover (Note 15)			MDP (psf)
		Type	Fasten (Note 11)	Attach		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
G-34.	Existing gypsum deck	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Tremco Twin Loc-Nails (Field W/D > 67 lbf)	6-inch o.c. at 4-inch laps and 12-inch o.c. at four (4), equally spaced center rows	(Optional) BP-CA5 or SBS-CA5	(Optional) Min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 6-inch o.c.	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-75.0
HOT-ASPHALT-APPLIED BASE PLY:													
G-35.	Existing gypsum deck	BURmastic Glass Ply, BURmastic Glass Ply – 28 lb, BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Twin Loc-Nail Assembled Fastener (Field W/D > 90 lbf)	9-inch o.c. at 4-inch lap and 18-inch o.c. at two (2), equally spaced, staggered center rows	TREMprime WB primer	Min. 1.5-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG)	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or Min. 0.5-inch Structodek HD with Primed Red Coating	LRFIA or LRFIA(BG)	BP-AA, SBS-AA	(Optional) BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA	BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA	-45.0*
G-36.	Existing gypsum deck	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Tremco Twin Loc-Nails (Field W/D > 67 lbf)	6-inch o.c. at 4-inch laps and 12-inch o.c. at four (4), equally spaced center rows	None	(Optional) Min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 6-inch o.c.	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-AA, SBS-AA	(Optional) BP-AA or SBS-AA	BP-CA1, BP-AA, SBS-CA1 or SBS-AA	-75.0
G-37.	Existing gypsum deck	BURmastic Glass Ply, BURmastic Glass Ply – 28 lb, BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Twin Loc-Nail Assembled Fastener (Field W/D > 90 lbf)	9-inch o.c. at 4-inch lap and 18-inch o.c. at two (2), equally spaced, staggered center rows	(Optional) BP-AA, SBS-AA or SBS-TA (smooth)	Min. 1.5-inch Trisotech G, Trisotech, Elevate ISOGARD GL or Multi-Max FA3	Hot asphalt	Min. 0.125-inch TremBoard AC or min. 0.25-inch DensDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch Structodek HD with Primed Red Coating	Hot asphalt	BP-AA, SBS-AA	(Optional) BP-AA or SBS-AA	BP-AA or SBS-AA	-45.0*
G-38.	Existing gypsum deck	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Tremco Twin Loc-Nails (Field W/D > 67 lbf)	6-inch o.c. at 4-inch laps and 12-inch o.c. at four (4), equally spaced center rows	(Optional) BP-AA, SBS-AA or SBS-TA (smooth)	Min. 1.5-inch Trisotech G, Trisotech, Elevate ISOGARD GL or Multi-Max FA3	Hot asphalt	Min. 0.125-inch TremBoard AC or min. 0.25-inch DensDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	Hot asphalt	BP-AA, SBS-AA	(Optional) BP-AA or SBS-AA	BP-AA or SBS-AA	-75.0

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TABLE 6C: EXISTING GYPSUM DECKS – REROOF (TEAR-OFF)
SYSTEM TYPE B-3: MECHANICALLY ATTACHED ANCHOR SHEET, BONDED INSULATION, BONDED ROOF COVER

System No.	Deck (Note 1)	Anchor Sheet			Primer or Vapor Barrier (Note 15)	Base Insulation		Top Insulation		Roof Cover (Note 15)			MDP (psf)
		Type	Fasten (Note 11)	Attach		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
G-39.	Existing gypsum deck	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Trufast Versa Fastener & Plate; 2 screws per plate installed 180° into the holes of the plate (Field W/D > 67 lbf)	6-inch o.c. at 4-inch laps and 12-inch o.c. at four (4), equally spaced center rows	(Optional) BP-AA, SBS-AA or SBS-TA (smooth)	Min. 1.5-inch Trisotech G, Trisotech, Elevate ISOGARD GL or Multi-Max FA3	Hot asphalt	Min. 0.125-inch TremBoard AC or min. 0.25-inch DensDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	Hot asphalt	BP-AA, SBS-AA	(Optional) BP-AA or SBS-AA	BP-AA or SBS-AA	-75.0
G-40.	Existing gypsum deck	BURmastic Glass Ply, BURmastic Glass Ply – 28 lb, BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Twin Loc-Nail Assembled Fastener (Field W/D > 90 lbf)	9-inch o.c. at 4-inch lap and 18-inch o.c. at two (2), equally spaced, staggered center rows	TREMprime WB primer	Min. 1.5-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG)	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or Min. 0.5-inch Structodek HD with Primed Red Coating	LRFIA or LRFIA(BG)	SBS-AA	(Optional) One or more SBS-AA, SBS-TA	SBS-TA	-45.0*
G-41.	Existing gypsum deck	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Tremco Twin Loc-Nails (Field W/D > 67 lbf)	6-inch o.c. at 4-inch laps and 12-inch o.c. at four (4), equally spaced center rows	None	(Optional) Min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 6-inch o.c.	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	SBS-AA	(Optional) One or more SBS-AA, SBS-TA	SBS-TA	-75.0
G-42.	Existing gypsum deck	BURmastic Glass Ply, BURmastic Glass Ply – 28 lb, BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Twin Loc-Nail Assembled Fastener (Field W/D > 90 lbf)	9-inch o.c. at 4-inch lap and 18-inch o.c. at two (2), equally spaced, staggered center rows	(Optional) BP-AA, SBS-AA or SBS-TA (smooth)	Min. 1.5-inch Trisotech G, Trisotech, Elevate ISOGARD GL or Multi-Max FA3	Hot asphalt	Min. 0.125-inch TremBoard AC or min. 0.25-inch DensDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch Structodek HD with Primed Red Coating	Hot asphalt	SBS-AA	(Optional) One or more SBS-AA, SBS-TA	SBS-TA	-45.0*
G-43.	Existing gypsum deck	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Tremco Twin Loc-Nails (Field W/D > 67 lbf)	6-inch o.c. at 4-inch laps and 12-inch o.c. at four (4), equally spaced center rows	(Optional) BP-AA, SBS-AA or SBS-TA (smooth)	Min. 1.5-inch Trisotech G, Trisotech, Elevate ISOGARD GL or Multi-Max FA3	Hot asphalt	Min. 0.125-inch TremBoard AC or min. 0.25-inch DensDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	Hot asphalt	SBS-AA	(Optional) One or more SBS-AA, SBS-TA	SBS-TA	-75.0

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TABLE 6C: EXISTING GYPSUM DECKS – REROOF (TEAR-OFF)
SYSTEM TYPE B-3: MECHANICALLY ATTACHED ANCHOR SHEET, BONDED INSULATION, BONDED ROOF COVER

System No.	Deck (Note 1)	Anchor Sheet			Primer or Vapor Barrier (Note 15)	Base Insulation		Top Insulation		Roof Cover (Note 15)			MDP (psf)
		Type	Fasten (Note 11)	Attach		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
G-44.	Existing gypsum deck	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Trufast Versa Fastener & Plate; 2 screws per plate installed 180° into the holes of the plate (Field W/D > 67 lbf)	6-inch o.c. at 4-inch laps and 12-inch o.c. at four (4), equally spaced center rows	(Optional) BP-AA, SBS-AA or SBS-TA (smooth)	Min. 1.5-inch Trisotech G, Trisotech, Elevate ISOGARD GL or Multi-Max FA3	Hot asphalt	Min. 0.125-inch TremBoard AC or min. 0.25-inch DensDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	Hot asphalt	SBS-AA	(Optional) One or more SBS-AA, SBS-TA	SBS-TA	-75.0
SEBS-APPLIED BASE PLY:													
G-45.	Existing gypsum deck	BURmastic Glass Ply, BURmastic Glass Ply – 28 lb, BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Twin Loc-Nail Assembled Fastener (Field W/D > 90 lbf)	9-inch o.c. at 4-inch lap and 18-inch o.c. at two (2), equally spaced, staggered center rows	TREMprime WB primer	Min. 1.5-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG)	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or Min. 0.5-inch Structodek HD with Primed Red Coating	LRFIA or LRFIA(BG)	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-45.0*
G-46.	Existing gypsum deck	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Tremco Twin Loc-Nails (Field W/D > 67 lbf)	6-inch o.c. at 4-inch laps and 12-inch o.c. at four (4), equally spaced center rows	None	(Optional) Min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 6-inch o.c.	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-75.0
G-47.	Existing gypsum deck	BURmastic Glass Ply, BURmastic Glass Ply – 28 lb, BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Twin Loc-Nail Assembled Fastener (Field W/D > 90 lbf)	9-inch o.c. at 4-inch lap and 18-inch o.c. at two (2), equally spaced, staggered center rows	(Optional) BP-AA, SBS-AA or SBS-TA (smooth)	Min. 1.5-inch Trisotech G, Trisotech, Elevate ISOGARD GL or Multi-Max FA3	Hot asphalt	Min. 0.125-inch TremBoard AC or min. 0.25-inch DensDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch Structodek HD with Primed Red Coating	Hot asphalt	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-45.0*
G-48.	Existing gypsum deck	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Tremco Twin Loc-Nails (Field W/D > 67 lbf)	6-inch o.c. at 4-inch laps and 12-inch o.c. at four (4), equally spaced center rows	(Optional) BP-AA, SBS-AA or SBS-TA (smooth)	Min. 1.5-inch Trisotech G, Trisotech, Elevate ISOGARD GL or Multi-Max FA3	Hot asphalt	Min. 0.125-inch TremBoard AC or min. 0.25-inch DensDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	Hot asphalt	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-75.0

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TABLE 6C: EXISTING GYPSUM DECKS – REROOF (TEAR-OFF)
SYSTEM TYPE B-3: MECHANICALLY ATTACHED ANCHOR SHEET, BONDED INSULATION, BONDED ROOF COVER

System No.	Deck (Note 1)	Anchor Sheet			Primer or Vapor Barrier (Note 15)	Base Insulation		Top Insulation		Roof Cover (Note 15)			MDP (psf)
		Type	Fasten (Note 11)	Attach		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
G-49.	Existing gypsum deck	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Trufast Versa Fastener & Plate; 2 screws per plate installed 180° into the holes of the plate (Field W/D > 67 lbf)	6-inch o.c. at 4-inch laps and 12-inch o.c. at four (4), equally spaced center rows	(Optional) BP-AA, SBS-AA or SBS-TA (smooth)	Min. 1.5-inch Trisotech G, Trisotech, Elevate ISOGARD GL or Multi-Max FA3	Hot asphalt	Min. 0.125-inch TremBoard AC or min. 0.25-inch DensDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	Hot asphalt	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-75.0
TORCH-APPLIED BASE PLY:													
G-50.	Existing gypsum deck	BURmastic Glass Ply, BURmastic Glass Ply – 28 lb, BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Twin Loc-Nail Assembled Fastener (Field W/D > 90 lbf)	9-inch o.c. at 4-inch lap and 18-inch o.c. at two (2), equally spaced, staggered center rows	TREMprime WB primer	Min. 1.5-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, Elevate ISOGARD GL, Multi-Max FA3, Elevate ISOGARD CG, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG)	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG)	APP-TA, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA	-45.0*
G-51.	Existing gypsum deck	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Tremco Twin Loc-Nails (Field W/D > 67 lbf)	6-inch o.c. at 4-inch laps and 12-inch o.c. at four (4), equally spaced center rows	(Optional) BP-CA5 or SBS-CA5	(Optional) Min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 6-inch o.c.	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	APP-TA, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA	-75.0
G-52.	Existing gypsum deck	BURmastic Glass Ply, BURmastic Glass Ply – 28 lb, BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Twin Loc-Nail Assembled Fastener (Field W/D > 90 lbf)	9-inch o.c. at 4-inch lap and 18-inch o.c. at two (2), equally spaced, staggered center rows	(Optional) BP-AA, SBS-AA or SBS-TA (smooth)	Min. 1.5-inch Trisotech G, Trisotech, Elevate ISOGARD GL or Multi-Max FA3	Hot asphalt	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	Hot asphalt	APP-TA, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA	-45.0*
G-53.	Existing gypsum deck	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Tremco Twin Loc-Nails (Field W/D > 67 lbf)	6-inch o.c. at 4-inch laps and 12-inch o.c. at four (4), equally spaced center rows	(Optional) BP-AA, SBS-AA or SBS-TA (smooth)	Min. 1.5-inch Trisotech G, Trisotech, Elevate ISOGARD GL or Multi-Max FA3	Hot asphalt	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	Hot asphalt	APP-TA, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA	-75.0

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TABLE 6C: EXISTING GYPSUM DECKS – REROOF (TEAR-OFF)
SYSTEM TYPE B-3: MECHANICALLY ATTACHED ANCHOR SHEET, BONDED INSULATION, BONDED ROOF COVER

System No.	Deck (Note 1)	Anchor Sheet			Primer or Vapor Barrier (Note 15)	Base Insulation		Top Insulation		Roof Cover (Note 15)			MDP (psf)
		Type	Fasten (Note 11)	Attach		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
G-54.	Existing gypsum deck	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Trufast Versa Fastener & Plate; 2 screws per plate installed 180° into the holes of the plate (Field W/D > 67 lbf)	6-inch o.c. at 4-inch laps and 12-inch o.c. at four (4), equally spaced center rows	(Optional) BP-AA, SBS-AA or SBS-TA (smooth)	Min. 1.5-inch Trisotech G, Trisotech, Elevate ISOGARD GL or Multi-Max FA3	Hot asphalt	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	Hot asphalt	APP-TA, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA	-75.0

TABLE 6D: EXISTING GYPSUM DECKS – REROOF (TEAR-OFF)
SYSTEM TYPE E-2: NON-INSULATED, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER

System No.	Deck (Note 1)	Base Sheet			Roof Cover (Note 15)		MDP (psf)
		Type	Fastener (Note 11)	Spacing	Base Ply	Cap Ply	
BURMASTIC ADHESIVE OR POWERPLY STANDARD COLD ADHESIVE APPLIED BASE PLY:							
G-55.	Existing gypsum deck	BURmastic Glass Ply, BURmastic Glass Ply – 28 lb, BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Twin Loc-Nail Assembled Fastener (Field W/D > 90 lbf)	9-inch o.c. at 4-inch lap and 18-inch o.c. at two (2), equally spaced, staggered center rows	One or two BP-CA1 or SBS-CA1	BP-CA1 or SBS-CA1	-45.0*
BURMASIC ADHESIVE MC APPLIED BASE PLY:							
G-56.	Existing gypsum deck	BURmastic Glass Ply, BURmastic Glass Ply – 28 lb, BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Twin Loc-Nail Assembled Fastener (Field W/D > 90 lbf)	9-inch o.c. at 4-inch lap and 18-inch o.c. at two (2), equally spaced, staggered center rows	One or two BP-CA6 or SBS-CA6	BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6	-45.0*
G-57.	Existing gypsum deck	BURmastic Glass Ply, BURmastic Glass Ply – 28 lb	Twin Loc-Nail Assembled Fastener (Field W/D > 80 lbf)	9-inch o.c. at 4-inch lap and 9-inch o.c. at two (2), equally spaced, staggered center rows	One or two BP-CA6 or SBS-CA6	BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6	-60.0
G-58.	Existing gypsum deck	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Twin Loc-Nail Assembled Fastener (Field W/D > 100 lbf)	9-inch o.c. at 4-inch lap and 9-inch o.c. at two (2), equally spaced, staggered center rows	One or two BP-CA6 or SBS-CA6	BP-CA6 or SBS-CA6	-75.0
G-59.	Existing gypsum deck	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Trufast Versa Fastener (min. 2.25") & Plate; 3 screws per plate*	9-inch o.c. at 4-inch laps and 9-inch o.c. at two (2), equally spaced, staggered center rows	One or more BP-CA6 or SBS-CA6	BP-CA6 or SBS-CA6	-105.0
	Note:	**Field withdrawal resistance testing (Note 11) shall yield minimum 140 lbf.*					
POWERPLY ENDURE BIO ADHESIVE TF APPLIED BASE PLY:							
G-60.	Existing gypsum deck	BURmastic Glass Ply, BURmastic Glass Ply – 28 lb, BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Twin Loc-Nail Assembled Fastener (Field W/D > 90 lbf)	9-inch o.c. at 4-inch lap and 18-inch o.c. at two (2), equally spaced, staggered center rows	One or two BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-45.0*
G-61.	Existing gypsum deck	BURmastic Glass Ply, BURmastic Glass Ply – 28 lb	Twin Loc-Nail Assembled Fastener (Field W/D > 80 lbf)	9-inch o.c. at 4-inch lap and 9-inch o.c. at two (2), equally spaced, staggered center rows	One or two BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-60.0

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TABLE 6D: EXISTING GYPSUM DECKS – REROOF (TEAR-OFF) SYSTEM TYPE E-2: NON-INSULATED, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER							
System No.	Deck (Note 1)	Base Sheet			Roof Cover (Note 15)		MDP (psf)
		Type	Fastener (Note 11)	Spacing	Base Ply	Cap Ply	
G-62.	Existing gypsum deck	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Twin Loc-Nail Assembled Fastener (Field W/D > 100 lbf)	9-inch o.c. at 4-inch lap and 9-inch o.c. at two (2), equally spaced, staggered center rows	One or two BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-75.0
G-63.	Existing gypsum deck	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Trufast Versa Fastener (min. 2.25") & Plate; 3 screws per plate*	9-inch o.c. at 4-inch laps and 9-inch o.c. at two (2), equally spaced, staggered center rows	One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-105.0
	Note:	**Field withdrawal resistance testing (Note 11) shall yield minimum 140 lbf.*					
HOT-ASPHALT-APPLIED BASE PLY:							
G-64.	Existing gypsum deck	BURmastic Glass Ply, BURmastic Glass Ply – 28 lb, BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Twin Loc-Nail Assembled Fastener (Field W/D > 90 lbf)	9-inch o.c. at 4-inch lap and 18-inch o.c. at two (2), equally spaced, staggered center rows	BP-AA, SBS-AA	BP-CA1 SBS-CA1, BP-AA, SBS-AA or APP-TA	-45.0*
G-65.	Existing gypsum deck	BURmastic Glass Ply, BURmastic Glass Ply – 28 lb	Twin Loc-Nail Assembled Fastener (Field W/D > 80 lbf)	9-inch o.c. at 4-inch lap and 9-inch o.c. at two (2), equally spaced, staggered center rows	BP-AA, SBS-AA	BP-CA1 SBS-CA1, BP-AA, SBS-AA or APP-TA	-60.0
G-66.	Existing gypsum deck	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Twin Loc-Nail Assembled Fastener (Field W/D > 100 lbf)	9-inch o.c. at 4-inch lap and 9-inch o.c. at two (2), equally spaced, staggered center rows	BP-AA, SBS-AA	BP-CA1 SBS-CA1, BP-AA, SBS-AA or APP-TA	-75.0
G-67.	Existing gypsum deck	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Trufast Versa Fastener (min. 2.25") & Plate; 3 screws per plate*	9-inch o.c. at 4-inch laps and 9-inch o.c. at two (2), equally spaced, staggered center rows	BP-AA or SBS-AA	BP-AA or SBS-AA	-105.0
	Note:	**Field withdrawal resistance testing (Note 11) shall yield minimum 140 lbf.*					
G-68.	Existing gypsum deck	BURmastic Glass Ply, BURmastic Glass Ply – 28 lb, BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Twin Loc-Nail Assembled Fastener (Field W/D > 90 lbf)	9-inch o.c. at 4-inch lap and 18-inch o.c. at two (2), equally spaced, staggered center rows	SBS-AA	SBS-TA	-45.0*
G-69.	Existing gypsum deck	BURmastic Glass Ply, BURmastic Glass Ply – 28 lb	Twin Loc-Nail Assembled Fastener (Field W/D > 80 lbf)	9-inch o.c. at 4-inch lap and 9-inch o.c. at two (2), equally spaced, staggered center rows	SBS-AA	SBS-TA	-60.0
G-70.	Existing gypsum deck	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Twin Loc-Nail Assembled Fastener (Field W/D > 100 lbf)	9-inch o.c. at 4-inch lap and 9-inch o.c. at two (2), equally spaced, staggered center rows	SBS-AA	SBS-TA	-75.0
G-71.	Existing gypsum deck	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Trufast Versa Fastener (min. 2.25") & Plate; 3 screws per plate*	9-inch o.c. at 4-inch laps and 9-inch o.c. at two (2), equally spaced, staggered center rows	SBS-AA	SBS-TA	-105.0
	Note:	**Field withdrawal resistance testing (Note 11) shall yield minimum 140 lbf.*					
SEBS-APPLIED BASE PLY:							
G-72.	Existing gypsum deck	BURmastic Glass Ply, BURmastic Glass Ply – 28 lb, BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Twin Loc-Nail Assembled Fastener (Field W/D > 90 lbf)	9-inch o.c. at 4-inch lap and 18-inch o.c. at two (2), equally spaced, staggered center rows	BP-SEBS, SBS-SEBS	SBS-SEBS	-45.0*

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TABLE 6D: EXISTING GYPSUM DECKS – REROOF (TEAR-OFF) SYSTEM TYPE E-2: NON-INSULATED, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER							
System No.	Deck (Note 1)	Base Sheet			Roof Cover (Note 15)		MDP (psf)
		Type	Fastener (Note 11)	Spacing	Base Ply	Cap Ply	
G-73.	Existing gypsum deck	BURmastic Glass Ply, BURmastic Glass Ply – 28 lb	Twin Loc-Nail Assembled Fastener (Field W/D > 80 lbf)	9-inch o.c. at 4-inch lap and 9-inch o.c. at two (2), equally spaced, staggered center rows	BP-SEBS, SBS-SEBS	SBS-SEBS	-60.0
G-74.	Existing gypsum deck	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Twin Loc-Nail Assembled Fastener (Field W/D > 100 lbf)	9-inch o.c. at 4-inch lap and 9-inch o.c. at two (2), equally spaced, staggered center rows	BP-SEBS, SBS-SEBS	SBS-SEBS	-75.0
G-75.	Existing gypsum deck	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Trufast Versa Fastener (min. 2.25") & Plate; 3 screws per plate*	9-inch o.c. at 4-inch laps and 9-inch o.c. at two (2), equally spaced, staggered center rows	BP-SEBS, SBS-SEBS	SBS-SEBS	-105.0
	Note:	**Field withdrawal resistance testing (Note 11) shall yield minimum 140 lbf.*					
TORCH-APPLIED BASE PLY:							
G-76.	Existing gypsum deck	BURmastic Glass Ply, BURmastic Glass Ply – 28 lb, BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Twin Loc-Nail Assembled Fastener (Field W/D > 90 lbf)	9-inch o.c. at 4-inch lap and 18-inch o.c. at two (2), equally spaced, staggered center rows	APP-TA, SBS-TA	APP-TA, SBS-TA	-45.0*
G-77.	Existing gypsum deck	BURmastic Glass Ply, BURmastic Glass Ply – 28 lb	Twin Loc-Nail Assembled Fastener (Field W/D > 80 lbf)	9-inch o.c. at 4-inch lap and 9-inch o.c. at two (2), equally spaced, staggered center rows	APP-TA, SBS-TA	APP-TA, SBS-TA	-60.0
G-78.	Existing gypsum deck	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Twin Loc-Nail Assembled Fastener (Field W/D > 100 lbf)	9-inch o.c. at 4-inch lap and 9-inch o.c. at two (2), equally spaced, staggered center rows	APP-TA, SBS-TA	APP-TA, SBS-TA	-75.0
G-79.	Existing gypsum deck	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Trufast Versa Fastener (min. 2.25") & Plate; 3 screws per plate*	9-inch o.c. at 4-inch laps and 9-inch o.c. at two (2), equally spaced, staggered center rows	SBS-TA	SBS-TA	-105.0
	Note:	**Field withdrawal resistance testing (Note 11) shall yield minimum 140 lbf.*					

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TABLE 7A: RECOVER APPLICATIONS
SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER

[A] The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

System No.	Substrate (Note 1, Note 12)	Base Insulation Layer		Top Insulation Layer		Roof Cover (Note 15)			MDP (psf) [A]
		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
BURMASTIC ADHESIVE OR POWERPLY STANDARD COLD ADHESIVE APPLIED BASE PLY:									
R-1.	Existing smooth-surface or granule-surface BUR, SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, Elevate ISOGARD CG	LRFIA or LRFIA(BG)	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch SECUROCK Cement Roof Board or Structodek HD with Primed Red Coating or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG)	BP-CA1 or SBS-CA1	(Optional) One or more BP-CA1 or SBS-CA1	BP-CA1 or SBS-CA1	-60.0
BURMASTIC ADHESIVE MC APPLIED BASE PLY:									
R-2.	Gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, Elevate ISOGARD CG	LRFIA	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or Min. 0.5-inch Structodek HD with Primed Red Coating	LRFIA or LRFIA(BG)	BP-CA6 or SBS-CA6	(Optional) One BP-CA1 or SBS-CA1 or one or more BP-CA6 or SBS-CA6	BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6	-142.5
R-3.	Gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, Elevate ISOGARD CG	LRFIA(BG)	Min. 0.5-inch Structodek HD with Primed Red Coating	LRFIA or LRFIA(BG)	BP-CA6 or SBS-CA6	(Optional) One BP-CA1 or SBS-CA1 or one or more BP-CA6 or SBS-CA6	BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6	-165.0
R-4.	Existing smooth-surface or granule-surface BUR or SBS modified bitumen	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, Elevate ISOGARD CG	LRFIA or LRFIA(BG)	Min. 0.5-inch Structodek HD with Primed Red Coating	LRFIA or LRFIA(BG)	BP-CA6 or SBS-CA6	(Optional) One BP-CA1 or SBS-CA1 or one or more BP-CA6 or SBS-CA6	BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6	-165.0
R-5.	Gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, Elevate ISOGARD CG	LRFIA(BG)	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG)	BP-CA6 or SBS-CA6	(Optional) One or more BP-CA6 or SBS-CA6	BP-CA6 or SBS-CA6	-187.5
R-6.	Existing smooth-surface or granule-surface BUR or SBS modified bitumen	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, Elevate ISOGARD CG	LRFIA or LRFIA(BG)	Min. 0.25-inch DensDeck Prime	LRFIA or LRFIA(BG)	BP-CA6 or SBS-CA6	(Optional) One or more BP-CA6 or SBS-CA6	BP-CA6 or SBS-CA6	-262.5
R-7.	Existing smooth-surface or granule-surface BUR or SBS modified bitumen	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, Elevate ISOGARD CG	LRFIA or LRFIA(BG)	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG)	BP-CA6 or SBS-CA6	(Optional) One or more BP-CA6 or SBS-CA6	BP-CA6 or SBS-CA6	-285.0
POWERPLY ENDURE BIO ADHESIVE TF APPLIED BASE PLY:									

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TABLE 7A: RECOVER APPLICATIONS
SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER

[A] The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

System No.	Substrate (Note 1, Note 12)	Base Insulation Layer		Top Insulation Layer		Roof Cover (Note 15)			MDP (psf) [A]
		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
R-8.	Gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, Elevate ISOGARD CG	LRFIA	Min. 0.25-inch Dens Deck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or Min. 0.5-inch Structodek HD with Primed Red Coating	LRFIA or LRFIA(BG)	BP-CA5, SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-142.5
R-9.	Gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel or smooth-surface or granule-surface BUR or SBS modified bitumen	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, Elevate ISOGARD CG	LRFIA(BG)	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG)	BP-CA5, SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-157.5
R-10.	Gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, Elevate ISOGARD CG	LRFIA(BG)	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 0.5-inch Structodek HD with Primed Red Coating	LRFIA or LRFIA(BG)	BP-CA5, SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-165.0
R-11.	Existing smooth-surface or granule-surface BUR or SBS modified bitumen	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, Elevate ISOGARD CG	LRFIA or LRFIA(BG)	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 0.5-inch Structodek HD with Primed Red Coating	LRFIA or LRFIA(BG)	BP-CA5, SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-165.0
R-12.	Gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, Elevate ISOGARD CG	LRFIA(BG)	Min. 0.25-inch DensDeck Prime	LRFIA or LRFIA(BG)	BP-CA5, SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-187.5
R-13.	Existing smooth-surface or granule-surface BUR or SBS modified bitumen	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, Elevate ISOGARD CG	LRFIA or LRFIA(BG)	Min. 0.25-inch DensDeck Prime	LRFIA or LRFIA(BG)	BP-CA5, SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-262.5
HOT-ASPHALT-APPLIED BASE PLY:									
R-14.	Gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, Elevate ISOGARD CG	LRFIA	Min. 0.25-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch Structodek HD with Primed Red Coating or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG)	BP-AA, SBS-AA	(Optional) One BP-CA1 or SBS-CA1 or one or more BP-AA, SBS-AA or APP-TA	BP-CA1 SBS-CA1, BP-AA, SBS-AA or APP-TA	-142.5
R-15.	Gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, Elevate ISOGARD CG	LRFIA(BG)	Min. 0.5-inch Structodek HD with Primed Red Coating	LRFIA or LRFIA(BG)	BP-AA, SBS-AA	(Optional) One BP-CA1 or SBS-CA1 or one or more BP-AA, SBS-AA or APP-TA	BP-CA1 SBS-CA1, BP-AA, SBS-AA or APP-TA	-165.0

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TABLE 7A: RECOVER APPLICATIONS
SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER

[A] The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

System No.	Substrate (Note 1, Note 12)	Base Insulation Layer		Top Insulation Layer		Roof Cover (Note 15)			MDP (psf) [A]
		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
R-16.	Existing smooth-surface or granule-surface BUR or SBS modified bitumen	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, Elevate ISOGARD CG	LRFIA or LRFIA(BG)	Min. 0.5-inch Structodek HD with Primed Red Coating	LRFIA or LRFIA(BG)	BP-AA, SBS-AA	(Optional) One BP-CA1 or SBS-CA1 or one or more BP-AA, SBS-AA or APP-TA	BP-CA1 SBS-CA1, BP-AA, SBS-AA or APP-TA	-165.0
R-17.	Gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, Elevate ISOGARD CG	LRFIA(BG)	Min. 0.25-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG)	BP-AA, SBS-AA	(Optional) One BP-CA1 or SBS-CA1 or one or more BP-AA, SBS-AA or APP-TA	BP-CA1 SBS-CA1, BP-AA, SBS-AA or APP-TA	-180.0
R-18.	Existing smooth-surface or granule-surface BUR or SBS modified bitumen	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, Elevate ISOGARD CG	LRFIA or LRFIA(BG)	Min. 0.25-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG)	BP-AA, SBS-AA	(Optional) One BP-CA1 or SBS-CA1 or one or more BP-AA, SBS-AA or APP-TA	BP-CA1 SBS-CA1, BP-AA, SBS-AA or APP-TA	-180.0
R-19.	Gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, Elevate ISOGARD CG	LRFIA	Min. 0.25-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch Structodek HD with Primed Red Coating or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG)	SBS-AA	(Optional) One or more SBS-AA, SBS-TA	SBS-TA	-142.5
R-20.	Gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, Elevate ISOGARD CG	LRFIA(BG)	Min. 0.5-inch Structodek HD with Primed Red Coating	LRFIA or LRFIA(BG)	SBS-AA	(Optional) One or more SBS-AA, SBS-TA	SBS-TA	-165.0
R-21.	Existing smooth-surface or granule-surface BUR or SBS modified bitumen	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, Elevate ISOGARD CG	LRFIA or LRFIA(BG)	Min. 0.5-inch Structodek HD with Primed Red Coating	LRFIA or LRFIA(BG)	SBS-AA	(Optional) One or more SBS-AA, SBS-TA	SBS-TA	-165.0
R-22.	Gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, Elevate ISOGARD CG	LRFIA(BG)	Min. 0.25-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG)	SBS-AA	(Optional) One or more SBS-AA, SBS-TA	SBS-TA	-180.0
R-23.	Existing smooth-surface or granule-surface BUR or SBS modified bitumen	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, Elevate ISOGARD CG	LRFIA or LRFIA(BG)	Min. 0.25-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG)	SBS-AA	(Optional) One or more SBS-AA, SBS-TA	SBS-TA	-180.0
SEBS-APPLIED BASE PLY:									

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TABLE 7A: RECOVER APPLICATIONS
SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER

[A] The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

System No.	Substrate (Note 1, Note 12)	Base Insulation Layer		Top Insulation Layer		Roof Cover (Note 15)			MDP (psf) [A]
		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
R-24.	Gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, Elevate ISOGARD CG	LRFIA	Min. 0.25-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch Structodek HD with Primed Red Coating or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG)	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-142.5
R-25.	Gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, Elevate ISOGARD CG	LRFIA(BG)	Min. 0.5-inch Structodek HD with Primed Red Coating	LRFIA or LRFIA(BG)	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-165.0
R-26.	Existing smooth-surface or granule-surface BUR or SBS modified bitumen	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, Elevate ISOGARD CG	LRFIA or LRFIA(BG)	Min. 0.5-inch Structodek HD with Primed Red Coating	LRFIA or LRFIA(BG)	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-165.0
R-27.	Gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, Elevate ISOGARD CG	LRFIA(BG)	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG)	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-187.5
R-28.	Existing smooth-surface or granule-surface BUR or SBS modified bitumen	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, Elevate ISOGARD CG	LRFIA or LRFIA(BG)	Min. 0.25-inch DensDeck Prime	LRFIA or LRFIA(BG)	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-262.5
R-29.	Existing smooth-surface or granule-surface BUR or SBS modified bitumen	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, Elevate ISOGARD CG	LRFIA or LRFIA(BG)	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG)	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-285.0
TORCH-APPLIED BASE PLY:									
R-30.	Gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, Elevate ISOGARD CG	LRFIA	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or Min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG)	APP-TA, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA	-142.5
R-31.	Gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, Elevate ISOGARD CG	LRFIA(BG)	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG)	APP-TA, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA	-180.0

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TABLE 7A: RECOVER APPLICATIONS SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER									
[A] The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.									
System No.	Substrate (Note 1, Note 12)	Base Insulation Layer		Top Insulation Layer		Roof Cover (Note 15)			MDP (psf) [A]
		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
R-32.	Existing smooth-surface or granule-surface BUR or SBS modified bitumen	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, Elevate ISOGARD CG	LRFIA or LRFIA(BG)	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG)	APP-TA, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA	-180.0
R-33.	Gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, Elevate ISOGARD CG	LRFIA(BG)	Min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG)	APP-TA, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA	-187.5
R-34.	Existing smooth-surface or granule-surface BUR or SBS modified bitumen	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, Elevate ISOGARD CG	LRFIA or LRFIA(BG)	Min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG)	APP-TA, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA	-262.5

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