



NEMO|etc.

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ENGINEER

EVALUATE

TEST

CONSULT

EVALUATION REPORT BY FLORIDA P.E.

Seaman Corporation

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Wooster, OH 44691
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Evaluation Report 3m-SMN-21-FBCER.A-R2

FL4930-R20 (HVHZ)

Date of Issuance: 2021-02-12

Revision 2: 2022-02-04

SCOPE:

This Evaluation Report is issued under **Rule 61G20-3** and the applicable rules and regulations governing the use of construction materials in the State of Florida. The documentation submitted has been reviewed by Robert Nieminen, P.E. for use of the product under the Florida Building Code. The product described herein has been evaluated for compliance with the **7th Edition (2020) Florida Building Code, High Velocity Hurricane Zone (HVHZ)** sections noted herein.

DESCRIPTION: FiberTite Single Ply Roof Systems, for use in FBC HVHZ jurisdictions

LABELING: Labeling shall be in accordance with the requirements of the Accredited Quality Assurance Agency noted herein.

CONTINUED COMPLIANCE: This Evaluation Report 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 Evaluation Reports 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 Evaluation Report relative to updated Code requirements with each Code Cycle.

ADVERTISEMENT: The Florida Product Approval Number (FL#) preceded by the words "NEMO P.E. Evaluated" may be displayed in advertising literature. If any portion of the Evaluation Report is displayed, then it shall be done in its entirety.

INSPECTION: Upon request, a copy of this entire Evaluation Report 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 Evaluation Report consists of pages 1 through 5, plus a 54-page Appendix.

Prepared by:

Robert J.M. Nieminen, P.E.

Florida Registration No. 59166, Florida DCA ANE1983



The facsimile seal appearing was authorized by Robert Nieminen, P.E. on 2022-02-04. This does not serve as an electronically signed document.

CERTIFICATION OF INDEPENDENCE:

1. NEMO ETC, LLC does not have, nor does it intend to acquire or will it acquire, a financial interest in any company manufacturing or distributing products it evaluates.
2. NEMO ETC, LLC is not owned, operated or controlled by any company manufacturing or distributing products it evaluates.
3. Robert Nieminen, P.E. does not have nor will acquire, a financial interest in any company manufacturing or distributing products for which the evaluation reports are being issued.
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 Evaluation Report, or previous versions thereof, is/was used for permitting or design guidance unless retained specifically for that purpose.

ROOFING SYSTEMS EVALUATION:
1. SCOPE:

Product Category: Roofing
Sub-Category: Single Ply Roof Systems
Product Approval Method: Method 1, Option D – Codified Material, Evaluation by Engineer
Compliance Statement: **FiberTite Single Ply Roof Systems**, as produced by the **Seaman Corporation**, have demonstrated compliance with the following sections of the **7th Edition (2020) Florida Building Code, HVHZ** through testing in accordance with the following Standards. Compliance is subject to the Installation Requirements and Limitations / Conditions of Use set forth herein.

2. STANDARDS:

SECTION	PROPERTY	STANDARD	YEAR
TAS 110	Resistance to Foot Traffic	TAS 114, Section 8.9	2011
TAS 110	Wind resistance	TAS 114, Appendix C, D or J	2011
TAS 110	Susceptibility Hail Damage	TAS 114, Appendix F	2011
TAS 110	Susceptibility to Leakage	TAS 114, Appendix G	2011
TAS 110	Material standard	ASTM D6163	2015
TAS 110	Material standard	ASTM D6164	2015
TAS 110	Material standard	ASTM D6754	2015

3. REFERENCES:

ENTITY	EXAMINATION	REFERENCE	DATE
ERD (TST6049)	ASTM D6164	P37590.03.13-3A	2013-05-06
ERD (TST6049)	ASTM D6163	SPL-SC9070.10.15	2015-10-20
NEMO (TST6049)	ASTM D6754	4S-SMN-18-001.11.18-1	2018-11-17
NEMO (TST6049)	ASTM D6164	4q-PLYG-20-SSMBB-04.A	2020-10-21
NEMO (TST6049)	ASTM D6754, G154	4r-SMN-20-SSTHP-01.A	2021-09-30
NEMO (TST6049)	ASTM D6754, G154	4r-SMN-20-SSTHP-01.B	2021-09-30
PRI (TST5878)	ASTM D6164	CTC-190-02-01	2013-11-27
PRI (TST5878)	ASTM D6164	SRI-121-02-01	2019-02-01
ACRC (TST4671)	TAS 114	15-027	2015-10-25
ACRC (TST4671)	TAS 114	15-030	2015-12-14
ACRC (TST4671)	TAS 114	15-031	2015-12-14
ERD (TST6049)	TAS 114	S5700.06.07-R3	2007-09-06
ERD (TST6049)	TAS 114	02764.09.05-R1	2007-12-10
ERD (TST6049)	TAS 114	S13040.02.09-R1	2009-03-09
ERD (TST6049)	TAS 114	02762.03.05-R2	2010-04-01
ERD (TST6049)	TAS 114	S32410.09.10	2010-09-21
ERD (TST6049)	TAS 114	S43840.11.15	2015-11-30
ERD (TST6049)	TAS 114	SMN-SC10155.01.16	2016-01-27
ERD (TST6049)	TAS 114	SFS-SC10010.02.16	2016-02-29
ERD (TST6049)	TAS 114	SMN-SC11005.06.16	2016-06-30
ERD (TST6049)	Criticality	ICP-SC15630.09.17	2017-09-06
ERD (TST6049)	Criticality	ICP-SC16625.09.17	2017-09-06
FM (TST1867)	FM 4470	OR8A9.AM	1994-03-12
FM (TST1867)	FM 4470	2X2A2.AM	1994-06-17
FM (TST1867)	FM 4470	2Y0A4.AM	1994-11-01
FM (TST1867)	FM 4470	0Y7A2.AM	1994-11-28
FM (TST1867)	FM 4470	1Y7A5.AM	1995-12-29
FM (TST1867)	FM 4470	1Z2A5.AM	1996-01-12
FM (TST1867)	FM 4470	1Z3A8.AM	1997-08-13
FM (TST1867)	FM 4470	0D2A8.AM	1998-02-17
FM (TST1867)	FM 4470	3003251	1999-10-05
FM (TST1867)	FM 4470	4D5A4.AM	1999-10-05
FM (TST1867)	FM 4470	3002471	1999-10-06
FM (TST1867)	FM 4470	3006872	2000-06-13
FM (TST1867)	FM 4470	3009071	2002-01-03
FM (TST1867)	FM 4470	3002416	2002-02-07

<u>ENTITY</u>	<u>EXAMINATION</u>	<u>REFERENCE</u>	<u>DATE</u>
FM (TST1867)	FM 4470	3012321	2002-07-29
FM (TST1867)	FM 4470	3014050	2003-07-08
FM (TST1867)	FM 4470	3014692	2003-08-05
FM (TST1867)	FM 4470	3014751	2003-08-27
FM (TST1867)	FM 4470	3018579	2003-10-09
FM (TST1867)	FM 4470/4474	3019317	2004-06-30
FM (TST1867)	FM 4470/4474	3023458	2006-07-18
FM (TST1867)	FM 4470/4474	797 (02142-267)	2006-11-15
FM (TST1867)	FM 4470/4474	3026964	2007-07-25
FM (TST1867)	FM 4470/4474	3030926	2007-08-07
FM (TST1867)	FM 4470/4474	3028857	2007-11-02
FM (TST1867)	FM 4470/4474	3031262	2007-11-30
FM (TST1867)	FM 4470/4474	3028651	2008-04-17
FM (TST1867)	FM 4470/4474	3030785	2008-08-12
FM (TST1867)	FM 4470/4474	3033314	2008-08-26
FM (TST1867)	FM 4470/4474	3033396	2009-09-04
FM (TST1867)	FM 4470/4474	3037770	2009-10-22
FM (TST1867)	FM 4470/4474	3036192	2009-11-23
FM (TST1867)	FM 4470/4474	3037168	2010-04-12
FM (TST1867)	FM 4470/4474	3038211	2010-06-30
FM (TST1867)	FM 4470/4474	797-05989-267	2011-01-04
FM (TST1867)	FM 4470/4474	3041535	2011-06-08
FM (TST1867)	FM 4470/4474	3040666	2011-12-13
FM (TST1867)	FM 4470/4474	3044075	2012-04-06
FM (TST1867)	FM 4470/4474	3046131	2012-10-17
FM (TST1867)	FM 4470/4474	3045983	2012-10-18
FM (TST1867)	FM 4470/4474	3048494	2013-02-26
FM (TST1867)	FM 4470/4474	3043170	2013-07-18
FM (TST1867)	FM 4470/4474	3013068	2013-09-23
FM (TST1867)	FM 4470/4474	797-08623-267	2013-11-07
FM (TST1867)	FM 4470/4474	3048494	2013-11-19
FM (TST1867)	FM 4470/4474	3051574	2014-09-11
FM (TST1867)	FM 4470/4474	797-09846-267	2014-09-23
FM (TST1867)	FM 4470/4474	3051607	2015-03-25
FM (TST1867)	FM 4470/4474	3055227	2015-05-21
FM (TST1867)	FM 4470/4474	3054065	2016-04-05
FM (TST1867)	FM 4470/4474	3051608	2016-10-26
FM (TST1867)	FM 4470/4474	3057607	2016-11-22
FM (TST1867)	FM 4470/4474	3055491	2016-12-05
FM (TST1867)	FM 4470/4474	3061365	2017-10-25
FM (TST1867)	FM 4470/4474	3063970	2018-09-14
FM (TST1867)	FM 4470/4474	RR216730	2018-12-27
FM (TST1867)	FM 4470/4474	3059662	2019-02-05
FM (TST1867)	FM 4470/4474	PR450181	2019-05-13
FM (TST1867)	FM 4470/4474	PR457508	2020-11-30
FM (TST1867)	FM 4470/4474	PR454634	2021-02-08
FM (TST1867)	FM 4470/4474	PR457510	2021-02-08
FM (TST1867)	FM 4470/4474	PR454331 (DATA)	2021-04-14
NEMO (TST11294)	TAS 114	2a-SMN-19-LSWUS-01.A	2019-01-21
NEMO (TST11294)	TAS 114	4a-ICP-19-LSWUS-01.A	2019-11-08
NEMO (TST11294)	TAS 114	2a-SMN-19-LSWUS-03.A	2020-03-09
NEMO (TST11294)	TAS 114	2a-SMN-20-LSWUS-02.A	2020-11-05
NEMO (TST11294)	TAS 114	2a-SMN-20-LSWUS-03.A	2020-12-14
NEMO (TST6049)	Criticality	4p-ICP-19-SSLAP-04.A	2020-05-28
NEMO (TST6049)	Criticality	4i-SMN-20-SSCRT-01.A	2020-08-28
NEMO (TST6049)	Criticality	4i-SMN-20-SSCRT-02.A	2021-03-02
NEMO (TST6049)	TAS 114	4a-SMN-20-LSWUS-01.A	2021-04-29
NEMO (TST6049)	Criticality	4i-ICP-21-SSCRT-01.A	2021-05-24
NEMO (TST6049)	TAS 114	4a-SMN-21-LSWUS-01.A	2021-05-24
NEMO (TST6049)	Criticality	4i-ICP-21-SSCRT-01.A	2021-06-10
PRI (TST5878)	TAS 114	SMCP-005-02-01	2015-09-14
PRI (TST5878)	TAS 114	SMCP-006-02-01	2016-03-28

ENTITY	EXAMINATION	REFERENCE	DATE
UL LLC (TST9628)	UL1897	08CA15815	2008-10-22
NEMO	Traceability	NE-FRM-0025-01	2021-06-09
NEMO	Traceability	NE-FRM-0025-02	2021-06-09
UL LLC (CER9626)	Traceability	ML DAF	2021-04-21
FM (CER1840)	Traceability	PR459672	2021-04-09
FM (CER1840)	Traceability	PR459670	2021-04-21
FM (QUA1860)	Quality Control	Inspection Report (OH)	2019-12-13
FM (QUA1860)	Quality Control	Inspection Report (TN)	2020-01-30
FM (QUA1860)	Quality Control	Florida BCIS	Current

4. PRODUCT DESCRIPTION:

This Evaluation Report covers **FiberTite Single Ply Roof Systems** installed in accordance with **Seaman Corporation** published installation instructions and the Limitations / Conditions of Use herein.

TABLE 1: EVALUATED MEMBRANES						
Type	Product		Material Standard			Plant(s)
			Reference	Type	Grade	
Roof Cover or Cap Ply	FiberTite	36-mil	ASTM D6754	N/A	N/A	Bristol, TN Wooster, OH
	FiberTite-SM	45, 60-mil	ASTM D6754	N/A	N/A	
	FiberTite-XT	50, 60-mil	ASTM D6754	N/A	N/A	
	FiberTite-Xtreme	60-mil	ASTM D6754	N/A	N/A	
	FiberTite-FB	36-mil	ASTM D6754	N/A	N/A	Wooster, OH
	FiberTite-SM FB	45, 60-mil	ASTM D6754	N/A	N/A	
	FiberTite-XT FB	50, 60-mil	ASTM D6754	N/A	N/A	
	FiberTite-Xtreme FB	60-mil	ASTM D6754	N/A	N/A	
Vapor Barrier or Base Ply	FiberTite-SBS Base		ASTM D6163	I	S	Arkadelphia, AR
	FiberTite-SBS TG Base		ASTM D6163	I	S	
	FiberTite-SBS 190 Base		ASTM D6164	I	S	
	FiberTite-SBS 190 TG Base		ASTM D6164	I	S	
	FTR SBS Poly 3.0		ASTM D6164	I	S	Winter Haven, FL
	FTR SBS Poly 3.7		ASTM D6164	I	S	Little Rock, AR
	FTR SBS Poly 4.0		ASTM D6164	I	S	Hazleton, PA
Vapor Barrier	VaporTite		N/A (not codified)			Drummondville, QC

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 Evaluation Report, or previous versions thereof, is/was used for permitting or design guidance unless retained specifically for that purpose.
- 5.2 This Evaluation Report is not for use in Non-High Velocity Hurricane Zone jurisdictions.
- 5.3 The evaluation herein pertains to above-deck roof components; deck-attachment details pertain to 'as-tested' conditions under **Testing Application Standard TAS 114, Appendix J**. Roof decks shall be in accordance with **FBC HVHZ** requirements to the satisfaction of the Authority Having Jurisdiction.
- 5.4 This Evaluation Report does not include evaluation of fire classification. Refer to **FBC HVHZ 1516** for requirements and limitations regarding roof assembly fire classification. Refer to **FBC 2603** for requirements and limitations concerning the use of foam plastic insulation.
- 5.5 This Evaluation Report does not include evaluation of roof edge termination. Refer to **Roofing Application Standard RAS 111** for requirements and limitations regarding edge securement for low-slope roofs.
- 5.6 Refer to **FBC HVHZ 1521** 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 **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 **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 **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 **Testing Application Standard TAS 114** has already been applied). Refer to **FBC HVHZ 1620** and **Roofing Application Standard RAS 128** for determination of design wind loads.
- 5.7.2 For mechanically attached components, 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 HVHZ 1620** or **Roofing Application Standard RAS 128**. Elevated pressure zones shall employ an attachment density designed by a qualified design professional to resist the elevated pressure criteria. Analysis shall be in accordance with **Roofing Application Standard RAS 117** or **Roofing Application Standard RAS 137**. ****This extrapolation is not permitted for systems marked with an asterisk*.***
- 5.7.3 For assemblies marked with an asterisk*, the maximum design pressure (MDP) limitation shall be applicable to all roof pressure zones. Rational analysis is not permitted.
- 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 Evaluation Report.

6. INSTALLATION:

FiberTite Single Ply Roof Systems shall be installed in accordance with **Seaman Corporation** published installation instructions, subject to the Limitations / Conditions 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 or codified material standards.

9. QUALITY ASSURANCE ENTITY:

FM Approvals – QUA1860; (781) 255-4783

- THE 54-PAGES THAT FOLLOW FORM PART OF THIS EVALUATION REPORT -

APPENDIX 1: ATTACHMENT REQUIREMENTS FOR WIND UPLIFT RESISTANCE

TABLE	DECK	APPLICATION	TYPE	DESCRIPTION	PAGE
1A	Wood	New, Reroof (Tear-Off) or Recover	C-1	Mech. Attached Insulation, Bonded Roof Cover	6
1B	Wood	New, Reroof (Tear-Off) or Recover	C-2	Induction Welded Roof Cover	7
1C	Wood	New, Reroof (Tear-Off) or Recover	D-1	Insulated, Mechanically Attached Roof Cover	7-8
1D	Wood	New, Reroof (Tear-Off) or Recover	E-1	Non-Insulated, Mechanically Attached Roof Cover	8
2A	Steel or Structural Concrete	New, Reroof (Tear-Off) or Recover	B-1	Mech. Attached Base Insulation, Bonded Top Insulation, Bonded Roof Cover	9-14
2B	Steel or Structural Concrete	New, Reroof (Tear-Off) or Recover	B-1	Mech. Attached Base Insulation, Bonded Top Insulation, Bonded Base Ply(s), Bonded Roof Cover	15
2C	Steel	New or Reroof (Tear-Off)	B-2	Mech. Attached Thermal Barrier, Bonded Temp Roof, Bonded Insulation, Bonded Roof Cover	16-20
2D	Steel	New or Reroof (Tear-Off)	B-2	Mech. Attached Thermal Barrier, Bonded Temp Roof, Bonded Insulation, Bonded Base Ply(s), Bonded Roof Cover	20-22
2E	Steel or Structural Concrete	New, Reroof (Tear-Off) or Recover	C-1	Mech. Attached Insulation, Bonded Roof Cover	22-24
2F	Steel or Structural Concrete	New, Reroof (Tear-Off) or Recover	C-1	Mech. Attached Insulation, Bonded Base Ply(s), Bonded Roof Cover	25
2G	Steel	New, Reroof (Tear-Off) or Recover	C-2	Induction Welded Roof Cover	25-27
2H	Steel	New, Reroof (Tear-Off) or Recover	D-1	Insulated, Mechanically Attached Roof Cover	27-30
3A	Structural Concrete	New or Reroof (Tear-Off)	A-1	Bonded Insulation, Bonded Roof Cover	31-35
3B	Structural Concrete	New or Reroof (Tear-Off)	A-1	Bonded Insulation, Bonded Base Ply(s), Bonded Roof Cover	35-36
3C	Structural Concrete	New, Reroof (Tear-Off) or Recover	C-2	Induction Welded Roof Cover	37-38
3D	Structural Concrete	New, Reroof (Tear-Off) or Recover	D-1	Insulated, Mechanically Attached Roof Cover	38-39
3E	Structural Concrete	New or Reroof (Tear-Off)	F	Non-Insulated, Bonded Roof Cover	39
4A	Existing Lightweight Concrete	Reroof (Tear-Off)	A-1	Bonded Insulation, Bonded Roof Cover	40
4B	Lightweight Concrete	New or Reroof (Tear-Off)	F	Non-Insulated, Bonded Roof Cover	40-41
5A	Cementitious Wood Fiber	New or Reroof (Tear-Off)	A-1	Bonded Insulation, Bonded Roof Cover	42-43
5B	Cementitious Wood Fiber	New or Reroof (Tear-Off)	A-1	Bonded Insulation, Bonded Base Ply(s), Bonded Roof Cover	43
5C	Cementitious Wood Fiber	Reroof (Tear-Off) or Recover	D-1	Insulated, Mechanically Attached Roof Cover	43
6A	Existing Gypsum	Reroof (Tear-Off)	A-1	Bonded Insulation, Bonded Roof Cover	44-45
6B	Existing Gypsum	Reroof (Tear-Off)	A-1	Bonded Insulation, Bonded Base Ply(s), Bonded Roof Cover	46-47
6C	Existing Gypsum	Reroof (Tear-Off)	D-1	Insulated, Mechanically Attached Roof Cover	47
7A	Various	Recover	A-1	Bonded Insulation, Bonded Roof Cover	48-52
7B	Various	Recover	A-1	Bonded Insulation, Bonded Base Ply(s), Bonded Roof Cover	52-53
7C	Steel	Recover	C-2	Induction Welded Roof Cover	53
7D	Steel	Recover	D-1	Insulated, Mechanically Attached Roof Cover	54
7E	Various	Recover	F	Non-Insulated, Bonded Roof Cover	54

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 FBC HVHZ requirements to the satisfaction of the Authority Having Jurisdiction. Deck-attachment details pertain to 'as-tested' conditions under Testing Application Standard TAS 114, Appendix J.
- 2 Unless otherwise noted, fasteners and stress plates shall be as follows. Fastener shall be of sufficient length for the following engagements:

FASTENER/PLATE OPTIONS				
DECK TYPE	BY	HVHZ FILE NO.	PARTS	MINIMUM ENGAGEMENT
Wood	Altenloh, Brinck and Co. U.S., Inc.	20-0430.02	Trufast #12 DP or Trufast #14 HD with Trufast 3" Metal Insulation Plate	Minimum ¾-inch plywood penetration or minimum 1-inch wood plank embedment
	OMG, Inc.	17-0104.01	OMG #12 Standard or OMG #14 Heavy Duty with OMG 3" Galvalume Plate	
	Seaman Corp.	N/A	FiberTite #12 or FiberTite #14 with FiberTite 3-in Steel Plate	
	SFS Group USA, Inc.	16-0712.08	Dekfast DF-#12-PH3 or DF-#14-PH3 with Dekfast PLT-R-3	
Steel	Altenloh, Brinck and Co. U.S., Inc.	20-0430.02	Trufast #12 DP or Trufast #14 HD with Trufast 3" Metal Insulation Plate	Minimum ¾-inch steel penetration and engage the top flute of the steel deck
	OMG, Inc.	17-0104.01	OMG #12 Standard or OMG #14 Heavy Duty with OMG 3" Galvalume Plate	
	Seaman Corp.	N/A	FiberTite #12 or FiberTite #14 with FiberTite 3-in Steel Plate	
	SFS Group USA, Inc.	16-0712.08	Dekfast DF-#12-PH3 or DF-#14-PH3 with Dekfast PLT-R-3	
Structural Concrete	Altenloh, Brinck and Co. U.S., Inc.	20-0430.02	Trufast #14 HD or Trufast Fluted Concrete Nail with Trufast 3" Metal Insulation Plate	Minimum 1.25-inch embedment. Fastener installed with a pilot hole in accordance with the fastener manufacturer's published installation instructions
	OMG, Inc.	17-0104.01	OMG #14 Heavy Duty or CD-10 with OMG 3" Galvalume Plate	
	Seaman Corp.	N/A	FiberTite #14 with FiberTite 3-in Steel Plate	
	SFS Group USA, Inc.	16-0712.08	Dekfast DF-#14-PH3 with Dekfast PLT-R-3	

- 3 Unless otherwise noted, insulation may be any one layer or combination of FBC Approved (Local or Statewide) board(s) that meet FBC HVHZ 1516 and, for foam plastic, FBC Chapter 26, when installed with the roof cover.
- 4 If mechanical attachment to the structural deck through lightweight insulating concrete is proposed, field withdrawal resistance testing shall be performed to confirm equivalent or determine enhanced fastening patterns and density. All testing and fastening design shall be in compliance with Testing Application Standard TAS 105 and Roofing Application Standard RAS 117 and/or RAS 137. Calculations shall be prepared, signed and sealed by a qualified design professional.
- 5 Preliminary insulation attachment for System Type D: Minimum four fasteners per 4 x 8 ft board or minimum two fasteners per 4 x 4 ft board.
- 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.

INSULATION ADHESIVE REFERENCES			
BY	HVHZ FILE NO.	ADHESIVE	MINIMUM RATE
Seaman Corporation	N/A	Fibertite FTR 601	Continuous 0.25 to 0.5-inch wide ribbons, 12-inch o.c.
		FTR-601 PG	Continuous 0.5 to 0.75-inch wide ribbons, 12-inch o.c.
ICP Adhesives & Sealants, Inc.	17-0214.04	Polyset Board-Max	Continuous 3-inch wide ribbons, 12-inch o.c.
	20-1221.03	Polyset Commercial Roofing Adhesive (formerly Polyset CR-20)	Continuous 2.5 to 3-inch wide ribbons, 12-inch o.c.
OMG, Inc.	19-0904.03	OlyBond 500 Adhesive Fastener (henceforth, 'OB500')	Continuous 0.75-inch wide ribbons, 12-inch o.c. (PaceCart, SpotShot or Canister)
Generic, ASTM D312, Type IV	N/A	hot asphalt	Full coverage at 25-30 lbs/square

Note: When multiple layers(s) of insulation and/or coverboard are installed in ribbon-applied adhesive, boards shall be staggered from layer-to-layer.

Note: 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

- 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.

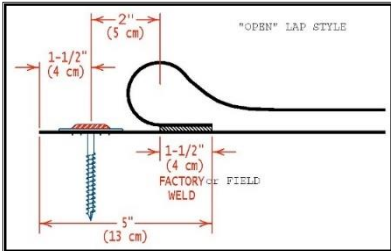
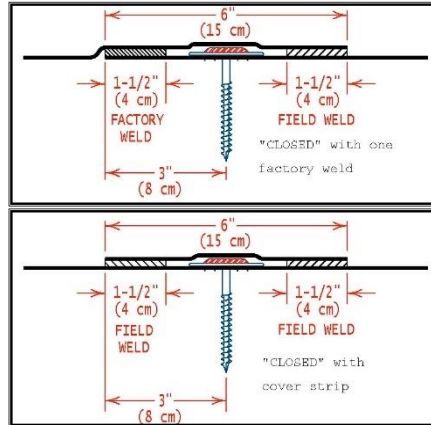
MDP LIMITATIONS FOR TAPERED POLYISOCYANURATE INSULATIONS				
ADHESIVE	INSULATION		MIN. TAPERED THICKNESS (IN)	MDP (PSF)
	LISTED PRODUCT	HVHZ FILE NO.		
FTR 601	Any polyisocyanurate listed with adhesive herein	Various	1.0	-157.5
FTR-601 PG	Any polyisocyanurate listed with adhesive herein	Various	1.0	-157.5
Polyset CR-20	Any polyisocyanurate listed with adhesive herein	Various	1.0	-117.5
OB500	Rmax Multi-Max FA3	21-0518.05	0.5	-45.0
OB500	FTR-VALUE H	N/A	0.5	-315.0
OB500	FTR-VALUE	N/A	0.5	-315.0
OB500	FTR-VALUE A	N/A	0.5	-487.5

- 8 Bonded polyisocyanurate insulation boards shall be maximum 4 x 4 ft.
- 9 For mechanically attached components, 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 HVHZ 1620 or Roofing Application Standard RAS 128. Elevated pressure zones shall employ an attachment density designed by a qualified design professional to resist the elevated pressure criteria in accordance with Roofing Application Standard RAS 117 or Roofing Application Standard RAS 137. *This extrapolation is not permitted for systems marked with an asterisk*
- 10 For assemblies marked with an asterisk*, the maximum design pressure for the selected assembly shall meet or exceed critical design pressure determined in accordance with FBC 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 in accordance with Testing Application Standard TAS 105. A qualified design professional shall review the data for comparison to the minimum requirements for the system. Should the fastener resistance be less than that required, a revised fastener spacing – prepared, signed and sealed by a qualified design professional in accordance with Roofing Application Standard RAS 117 or Roofing Application Standard RAS 137 – may be submitted to the Building Official for review and acceptance.
- 12 Refer to FBC HVHZ 1521 for requirements and limitations regarding recover installations. 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 in accordance with Testing Application Standard TAS 124.
- 13 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 HVHZ 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 herein). The separator component shall be documented as meeting FBC HVHZ 1516 and, for foam plastic, FBC Chapter 26, when installed with the roof cover in Recover applications.
- 14 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 FBC HVHZ 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. 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.

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

MEMBRANE / ADHESIVE COMBINATIONS					
REFERENCE	LAYER	MATERIAL	APPLICATION		
			ADHESIVE	METHOD	RATE
SP-BB1	Roof Cover:	FiberTite or FiberTite XT	FTR-190e	Contact application	0.5 gal/sq/surface
SP-BB2	Roof Cover:	FiberTite-SM or FiberTite XTreme	FTR-190e	Contact application	0.5 gal/sq/surface
SP-BB3	Roof Cover:	FiberTite or FiberTite XT	Alpha-Tite Bonding Adhesive	Contact application	0.83 to 1.0 gal/sq/surface
SP-BB4	Roof Cover:	FiberTite-SM or FiberTite XTreme	Alpha-Tite Bonding Adhesive	Contact application	0.83 to 1.0 gal/sq/surface
SP-FB1	Roof Cover:	FiberTite-FB	FTR-290	Wet lay	1.0 gal/sq.
SP-FB2	Roof Cover or Cap Ply:	FiberTite-FB	FTR-390	Wet lay	1.0 gal/sq.
SP-FB3	Roof Cover:	FiberTite-FB	FTR-490	Wet lay	0.85 to 1.0 gal/sq.
SP-FB4	Roof Cover or Cap Ply:	FiberTite-FB	hot asphalt	Wet lay	25 lbs/sq.
SP-FB5	Roof Cover or Cap Ply:	FiberTite-FB	ICP Adhesive "Polyset CR-20"	Wet lay	Spatter-applied, full coverage per the manufacturer's installation instructions
SP-FB6	Roof Cover or Cap Ply:	FiberTite-FB	FTR 601-PG	Wet lay	Spatter-applied, 4.0 lbs/square
SP-FB7	Roof Cover or Cap Ply:	FiberTite-FB	Soprema "COLPLY EF Adhesive"	Wet lay	2.0 gal./square
SBS-AA	Temp Roof, Base Ply or Ply:	FiberTite-SBS Base, FiberTite-SBS 190 Base, FTR SBS Poly 3.0, FTR SBS Poly 3.7 or FTR SBS Poly 4.0	Hot asphalt	Wet lay (substrate)	25-30 lbs/square
SBS-CA1	Temp Roof, Base Ply or Ply:	FiberTite-SBS Base, FiberTite-SBS 190 Base, FTR SBS Poly 3.0, FTR SBS Poly 3.7 or FTR SBS Poly 4.0	FTR SBS Adhesive	Wet lay (substrate)	1.5-2.0 gal./square
SBS-CA2	Temp Roof, Base Ply or Ply:	FiberTite-SBS Base, FiberTite-SBS 190 Base, FTR SBS Poly 3.0, FTR SBS Poly 3.7 or FTR SBS Poly 4.0	Soprema "COLPLY EF Adhesive"	Wet lay (substrate)	1.5-2.0 gal./square
SBS-TA	Temp Roof, Base Ply or Ply:	FiberTite-SBS TG Base or FiberTite-SBS 190 TG Base, FTR SBS Poly 3.0, FTR SBS Poly 3.7 or FTR SBS Poly 4.0	torch-applied	torch-applied	full-bond

- 15A For single-ply membranes in System Type D-1 or E-1 steel deck applications, the roof membrane shall be run with its length perpendicular to the steel deck flutes. Seaman Corporation offers two styles of attachment; **Open** and **Closed**, as detailed below.

OPEN ATTACHMENT	CLOSED ATTACHMENT
"Open" attachment involves a 5-inch lap with a 1½-inch factory-weld or field-weld. The stress plates and fasteners are installed with the centerline located 1½-inch from the underlying membrane edge. Attachment is expressed as follows: Open: <maximum fastener spacing> x <maximum lap spacing>. 	"Closed" attachment involves either a 6-inch lap with a 1½-inch factory-weld with the stress plates and fasteners located along the centerline of the lap, followed by a 1½-inch field-weld, or stress plate and fastener placement through the field of the membrane and covered with a 6-inch wide strip of FiberTite membrane with 1½-inch field welds on both sides. Attachment is expressed as follows: Closed: <max fastener spacing> x <max row spacing>. 

- 15B For System Type C-2 (induction weld), care shall be taken to ensure that the plates do not line-up with membrane seams. This condition may preclude proper induction welding of the membrane to the plates.

16 Vapor barrier options for use over structural concrete deck followed by bonded insulation carry the following MDP limitations. The lesser of the MDP listings below vs. those in Table 3A or 3b applies.

VAPOR BARRIER OPTIONS; STRUCTURAL CONCRETE DECK; FOLLOWED BY ADHESIVE-APPLIED INSULATION					
OPTION #	PRIMER	VAPOR BARRIER		INSULATION ADHESIVE PER TABLE 3A OR 3B	MDP (PSF)
		TYPE	APPLICATION		
C-VB-1.	ASTM D41	FiberTite-SBS Base, FiberTite-SBS 190 Base, FTR SBS Poly 3.0, FTR SBS Poly 3.7 or FTR SBS Poly 4.0	hot asphalt	hot asphalt, 25-30 lbs/square	-210.0
C-VB-2.	ASTM D41	FiberTite-SBS TG Base, FiberTite-SBS 190 TG Base, FTR SBS Poly 3.0, FTR SBS Poly 3.7 or FTR SBS Poly 4.0	torch-applied	hot asphalt, 25-30 lbs/square	-210.0
C-VB-3.	ASTM D41	Smooth-surfaced, asphalt built-up roof	hot asphalt	hot-asphalt, 25-30 lbs/square	-375.0
C-VB-4.	None	FiberTite-SBS Base or FiberTite-SBS 190 Base	FTR SBS Adhesive, continuous ribbons, 12-inch o.c.	FTR 601 or FTR-601 PG, ribbons 12-inch o.c.	-75.0
C-VB-5.	None	FTR SBS Poly 3.7	FTR SBS Adhesive, continuous ribbons, 12-inch o.c.	FTR 601 or FTR-601 PG, ribbons 12-inch o.c.	-105.0
C-VB-6.	FTR SA Primer	VaporTite	self-adhering	FTR 601 or FTR-601 PG, ribbons 12-inch o.c.	-180.0
C-VB-7.	Soprema "ELASTOCOL Stick"	VaporTite	self-adhering	FTR 601 or FTR-601 PG, ribbons 12-inch o.c.	-210.0
C-VB-8.	ASTM D41	FiberTite-SBS Base, FiberTite-SBS 190 Base, FTR SBS Poly 3.0, FTR SBS Poly 3.7 or FTR SBS Poly 4.0	hot asphalt, FTR SBS Adhesive at 1.5-2.0 gal/square or Soprema "COPLY EF Adhesive" at 1.5-2.0 gal/square.	FTR 601 or FTR-601 PG, ribbons 12-inch o.c.	-225.0
C-VB-9.	ASTM D41	FiberTite-SBS TG Base, FiberTite-SBS 190 TG Base, FTR SBS Poly 3.0, FTR SBS Poly 3.7 or FTR SBS Poly 4.0	torch-applied	FTR 601 or FTR-601 PG, ribbons 12-inch o.c.	-225.0
C-VB-10.	ASTM D41	FiberTite-SBS Base, FiberTite-SBS 190 Base, FTR SBS Poly 3.0, FTR SBS Poly 3.7 or FTR SBS Poly 4.0	hot asphalt, FTR SBS Adhesive at 1.5-2.0 gal/square or Soprema "COPLY EF Adhesive" at 1.5-2.0 gal/square.	FTR 601 or FTR-601 PG, ribbons 6-inch o.c.	-372.3
C-VB-11.	ASTM D41	FiberTite-SBS TG Base, FiberTite-SBS 190 TG Base, FTR SBS Poly 3.0, FTR SBS Poly 3.7 or FTR SBS Poly 4.0	torch-applied	FTR 601 or FTR-601 PG, ribbons 6-inch o.c.	-372.3

17 For System Types C-1, C-2, D-1 or Type D-2, an optional thermal barrier and/or polyethylene (loose-laid) or VaporTite (self-adhering) vapor barrier membrane 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 (February 2020) for design and installation recommendations and limitations.

18 The following products are interchangeable within the scope of this Evaluation Report.

ACCEPTABLE ALTERNATES				
SUB-CATEGORY	By	LISTED PRODUCT HEREIN	ALTERNATE	HVHZ FILE
Adhesives	Seaman Corporation	Fibertite FTR 601	Millennium One Step Foamable Adhesive	18-1109.02
		FTR-601 PG	Millennium PG-1 Pump Grade Adhesive	
Roofing Insulation	Seaman Corporation	FTR-VALUE A	ACFoam II	17-1211.05
		FTR-Value-III-A	ACFoam III	
		FTR-VALUE H	H-Shield	19-0521.04
		FTR-Value H Glass Facer	H-Shield CG	
		FTR-VALUE	ENRGY 3	18-0501.05
	Georgia-Pacific Gypsum, LLC	DensDeck Prime	DensDeck StormX Prime Roof Board	16-1129.03

ACCEPTABLE ALTERNATES (CONTINUED)				
SUB-CATEGORY	BY	LISTED PRODUCT HEREIN	ALTERNATE	HVHZ FILE
Roofing Fasteners	Seaman Corporation	FTR MagnumT Fastener	Trufast #15 EHD	20-0430.02
		FTR PurlinT Fastener	Trufast #12 Purlin Fastener	
		FiberTite FTR Magnum-R275	Trufast 2-3/4" Barbed Metal Seam Plate (EHD)	
		FTR Magnum O Fastener	OMG XHD screw	17-0104.01
		FTR Retro-Driller	RetroDriller	
		FiberTite #12	Dekfast DF-#12-PH3	16-0712.08
		FiberTite #14	Dekfast DF-#14-PH3	
		FiberTite Magnum Fastener	Dekfast DF-#15-PH3	
		FiberTite 3-in Steel Plate	Dekfast PLT-R-3	
		FTR Magnum2S	Dekfast PLT-R-2-3/8-6B	
		FiberTite Magnum Stress Plate	Dekfast PLT-O-2-1/2-8B	
		FiberTite Magnum-Plus Plate	Dekfast PLT-O-2-3/4-12B	
		FTR-IW isoweld	isoweld F1-P-6.8-PVC	

- 19 "MDP" = Maximum Design Pressure is the result of testing for wind load resistance based on allowable wind loads. Refer to FBC (HVHZ) 1620 and Roofing Application Standard RAS 128 for determination of design wind loads.

TABLE 1A: WOOD DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF) OR RECOVER SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER							
System No.	Deck (Note 1)	Base Insulation Layer (Note 13)	Top Insulation Layer			Roof Cover (Note 15)	MDP (psf)
			Type	Fastener (Note 11)	Attach		
FIBERTITE, FIBERTITE-XT, FIBERTITE-SM OR FIBERTITE XTREME APPLIED IN FTR-190E:							
W-1.	Min. 19/32-inch plywood or wood plank	One or more layers, any combination, loose laid	Min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	OMG Standard #12 or OMG #14 Heavy Duty with OMG 3" Galvalume Steel Plate	1 per 1.8 ft²	SP-BB1 or SP-BB2	-45.0*
W-2.	Min. 19/32-inch plywood or wood plank	One or more layers, any combination, loose laid	Min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	OMG Standard #12 or OMG #14 Heavy Duty with OMG 3" Galvalume Steel Plate	1 per 1.3 ft²	SP-BB1 or SP-BB2	-50.0*
FIBERTITE, FIBERTITE-XT, FIBERTITE-SM OR FIBERTITE XTREME APPLIED IN ALPHA-TITE BONDING ADHESIVE:							
W-3.	Min. 19/32-inch plywood or wood plank	One or more layers, any combination, loose laid	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	OMG Standard #12 or OMG #14 Heavy Duty with OMG 3" Galvalume Steel Plate	1 per 1.8 ft²	SP-BB3 or SP-BB4	-45.0*
W-4.	Min. 19/32-inch plywood or wood plank	One or more layers, any combination, loose laid	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	OMG Standard #12 or OMG #14 Heavy Duty with OMG 3" Galvalume Steel Plate	1 per 1.3 ft²	SP-BB3 or SP-BB4	-50.0*
FIBERTITE-FB APPLIED IN FTR-290, FTR-390 OR HOT ASPHALT:							
W-5.	Min. 19/32-inch plywood or wood plank	One or more layers, any combination, loose laid	Min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	OMG Standard #12 or OMG #14 Heavy Duty with OMG 3" Galvalume Steel Plate	1 per 1.8 ft²	SP-FB1, SP-FB2 or SP-FB4	-45.0*
W-6.	Min. 19/32-inch plywood or wood plank	One or more layers, any combination, loose laid	Min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	OMG Standard #12 or OMG #14 Heavy Duty with OMG 3" Galvalume Steel Plate	1 per 1.3 ft²	SP-FB1, SP-FB2 or SP-FB4	-50.0*

TABLE 1B: WOOD DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE C-2: INDUCTION WELDED ROOF COVER

System No.	Deck (Note 1)	Thermal Barrier and/or Insulation Layer (Note 13)	Attach		Roof Cover (Note 15B)	MDP (psf)
			Fastener (Note 11)	Density		
ISOWELD® SYSTEMS:						
W-7.	Min. 19/32-inch plywood; 2 ft span; 8d ring shank nails, 6" o.c.	One or more layers, any combination, min. 1.5-inch thick x min. 4 x 8 ft, preliminarily attached	FiberTite Magnum Fastener with FTR-IW isoweld (<i>Field W/D ≥ 300 lbf</i>)	6-inch o.c. in rows 60-inch o.c. along wood structural members	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with isoweld Induction Bonding Tool	-60.0
RHINO BOND FASTENING SYSTEM:						
W-8.	Min. 19/32-inch plywood; 2 ft span; 8d ring shank nails, 6" o.c.	Any approved thermal barrier and/or insulation, any combination (min. 2-inch insulation for TreadSafe)	FTR Magnum O Fastener with RhinoBond Insulation Plate (PVC) or RhinoBond TreadSafe Plate (PVC) installed through to engage wood structural members, min. 1-inch embedment. (<i>Field W/D ≥ 540 lbf</i>)	Fastener spaced max. 24-inch o.c. in staggered rows spaced max. 36-inch o.c. along wood structural members	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with RhinoBond Portable Plate Bonding Tool	-45.0*
W-9.	Min. 19/32-inch plywood; 2 ft span; 8d ring shank nails, 6" o.c.	Any approved thermal barrier and/or insulation, any combination (min. 2-inch insulation for TreadSafe)	FTR Magnum O Fastener with RhinoBond Insulation Plate (PVC) or RhinoBond TreadSafe Plate (PVC) installed through to engage wood structural members, min. 1-inch embedment. (<i>Field W/D ≥ 525 lbf</i>)	Fastener spaced max. 12-inch o.c. in rows spaced max. 60-inch o.c. along wood structural members	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with RhinoBond Portable Plate Bonding Tool	-52.5
W-10.	Min. 19/32-inch plywood; 2 ft span; 8d ring shank nails, 6" o.c.	Any approved thermal barrier and/or insulation, any combination (min. 2-inch insulation for TreadSafe)	FTR Magnum O Fastener with RhinoBond Insulation Plate (PVC) or RhinoBond TreadSafe Plate (PVC) installed through to engage wood structural members, min. 1-inch embedment. (<i>Field W/D ≥ 540 lbf</i>)	Fastener spaced max. 24-inch o.c. in staggered rows spaced max. 24-inch o.c. along wood structural members	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with RhinoBond Portable Plate Bonding Tool	-67.5
W-11.	Min. 19/32-inch plywood; 2 ft span; 8d ring shank nails, 6" o.c.	Any approved thermal barrier and/or insulation, any combination (min. 2-inch insulation for TreadSafe)	FTR Magnum O Fastener with RhinoBond Insulation Plate (PVC) or RhinoBond TreadSafe Plate (PVC) installed through to engage wood structural members, min. 1-inch embedment. (<i>Field W/D ≥ 450 lbf</i>)	Fastener spaced max. 6-inch o.c. in rows spaced max. 60-inch o.c. along wood structural members	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with RhinoBond Portable Plate Bonding Tool	-90.0

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

System No.	Deck (Note 1)	Insulation or Thermal Barrier (Note 13)		Roof Cover (Note 15A)			MDP (psf)
		Type	Attach (Note 5)	Membrane	Fastener (Note 11)	Attachment	
W-12.	Min. 19/32-inch plywood; 2 ft span; 8d ring shank nails, 6" o.c.	One or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Open: 6 x 69-inch	-45.0
W-13.	Min. 19/32-inch plywood; 2 ft span; 8d ring shank nails, 6" o.c.	One or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Open: 9 x 51-inch	-52.5
W-14.	Min. 19/32-inch plywood; 2 ft span; 8d ring shank nails, 6" o.c.	One or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Open: 6 x 51-inch	-52.5
W-15.	Min. 19/32-inch plywood; 2 ft span; 8d ring shank nails, 6" o.c.	One or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FTR Magnum2S Plate	Closed: 12 x 72-inch through wood sheathing to engage the structural members.	-60.0

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

System No.	Deck (Note 1)	Insulation or Thermal Barrier (Note 13)		Roof Cover (Note 15A)			MDP (psf)
		Type	Attach (Note 5)	Membrane	Fastener (Note 11)	Attachment	
W-16.	Min. 19/32-inch plywood; 2 ft span; 8d ring shank nails, 6" o.c..	One or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Closed: 6 x 96-inch through wood sheathing to engage the structural members.	-67.5

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

System No.	Deck (Note 1)	Thermal Barrier		Roof Cover (Note 15A)			MDP (psf)
		Type	Attach (Note 5)	Membrane	Fastener (Note 11)	Attachment	
W-17.	Min. 19/32-inch plywood; 2 ft span; 8d ring shank nails, 6" o.c.	(Optional) Any approved thermal barrier	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Open: 6 x 69-inch	-45.0
W-18.	Min. 19/32-inch plywood; 2 ft span; 8d ring shank nails, 6" o.c.	(Optional) Any approved thermal barrier	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Open: 9 x 51-inch	-52.5
W-19.	Min. 19/32-inch plywood; 2 ft span; 8d ring shank nails, 6" o.c.	(Optional) Any approved thermal barrier	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Open: 6 x 51-inch	-52.5
W-20.	Min. 19/32-inch plywood; 2 ft span; 8d ring shank nails, 6" o.c.	(Optional) Any approved thermal barrier	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FTR Magnum2S Plate	Closed: 12 x 72-inch through wood sheathing to engage the structural members.	-60.0
W-21.	Min. 19/32-inch plywood; 2 ft span; 8d ring shank nails, 6" o.c.	(Optional) Any approved thermal barrier	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Closed: 6 x 96-inch through wood sheathing to engage the structural members.	-67.5

TABLE 2A: 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		Roof Cover (Note 15)	MDP (psf)
		Type	Fastener (Note 11)	Attach	Type	Attach (Notes 6,7,8)		
FIBERTITE, FIBERTITE-XT, FIBERTITE-SM OR FIBERTITE XTREME APPLIED IN FTR-190E:								
S-1.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch FTR-VALUE A, FTR-VALUE H or Multi-Max FA3	Note 2 #14 only	1 per 2.0 ft2	(Optional) One or more layers of Base Insulation (flat or tapered)	hot asphalt, FTR 601, FTR-601 PG, Polyset Board-Max or Polyset CR-20	SP-BB1 or SB-BB2	-45.0*
S-2.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch FTR-VALUE A, FTR-VALUE H or Multi-Max FA3	Note 2 #14 only	1 per 4.0 ft2	(Optional) One or more layers of Base Insulation (flat or tapered)	hot asphalt, FTR 601, FTR-601 PG, Polyset Board-Max or Polyset CR-20	SP-BB1 or SB-BB2	-45.0*
S-3.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 2.0 ft2	One or more layers FTR-VALUE A, FTR-VALUE, FTR-VALUE H or Multi-Max FA3	hot asphalt, FTR 601, FTR-601 PG, Polyset Board-Max or Polyset CR-20	SP-BB1 or SB-BB2	-45.0*
S-4.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch FTR-VALUE A, FTR-VALUE H or Multi-Max FA3	Note 2 #14 only	1 per 2.0 ft2	Min. 0.5-inch DensDeck Prime	hot asphalt, FTR 601, FTR-601 PG, Polyset Board-Max or Polyset CR-20	SP-BB1 or SB-BB2	-45.0*
S-5.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch FTR-VALUE A, FTR-VALUE H or Multi-Max FA3	Note 2 #14 only	1 per 4.0 ft2	Min. 0.5-inch DensDeck Prime	hot asphalt, FTR 601, FTR-601 PG, Polyset Board-Max or Polyset CR-20	SP-BB1 or SB-BB2	-45.0*
S-6.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch FTR-VALUE A, FTR-VALUE H or Multi-Max FA3	Note 2 #14 only	1 per 2.0 ft2	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	hot asphalt, FTR 601, FTR-601 PG, Polyset Board-Max or Polyset CR-20	SP-BB1 or SB-BB2	-45.0*
S-7.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch FTR-VALUE A, FTR-VALUE, FTR-VALUE H or Multi-Max FA3	Note 2	1 per 2.0 ft2	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	FTR 601 or FTR-601 PG,	SP-BB1 or SB-BB2	-45.0*
S-8.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch FTR-VALUE A, FTR-VALUE H or Multi-Max FA3	Note 2 #14 only	1 per 4.0 ft2	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	hot asphalt, FTR 601, FTR-601 PG, Polyset Board-Max or Polyset CR-20	SP-BB1 or SB-BB2	-45.0*
S-9.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch FTR-VALUE A, FTR-VALUE, FTR-VALUE H or Multi-Max FA3	Note 2	1 per 4.0 ft2	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	FTR 601 or FTR-601 PG,	SP-BB1 or SB-BB2	-45.0*
S-10.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span; Traxx/5 screws, 6" o.c. or structural concrete	Min. 2-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	Note 2 #14 only	1 per 2.0 ft2	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR 601, FTR-601 PG, Polyset Board-Max or Polyset CR-20	SP-BB1 or SB-BB2	-52.5
S-11.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; Traxx/5 screws, 6" o.c. or structural concrete	Min. 2-inch FTR-VALUE A or FTR-VALUE H	Note 2 #14 only	1 per 1.3 ft2	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	hot asphalt, FTR 601, FTR-601 PG, Polyset Board-Max or Polyset CR-20	SP-BB1 or SB-BB2	-60.0
S-12.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span; Traxx/5 screws, 6" o.c. or structural concrete	Min. 2-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	Note 2 #14 only	1 per 1.3 ft2	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR 601, FTR-601 PG, Polyset Board-Max or Polyset CR-20, 6-inch o.c.	SP-BB1 or SB-BB2	-67.5

TABLE 2A: 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		Roof Cover (Note 15)	MDP (psf)
		Type	Fastener (Note 11)	Attach	Type	Attach (Notes 6,7,8)		
S-13.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span; Traxx/5 screws, 6" o.c. or structural concrete	Min. 2-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	Note 2 #14 only	1 per 1.0 ft2	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR 601, FTR-601 PG, Polyset Board-Max or Polyset CR-20, 6-inch o.c.	SP-BB1 or SB-BB2	-90.0
S-14.	Min. 22 ga., Type B, Grade 40 steel; 6 ft span; Tek/5 screws with 3/4" washers, 6" o.c. or structural concrete	Min. 2-inch FTR-VALUE A or FTR-VALUE H	OMG #14 Roofgrip with OMG 3" Galvalume Steel Plate	1 per 1.0 ft2	Min. 0.25-inch DensDeck Prime	Polyset Board-Max or Polyset CR-20	SP-BB1 or SB-BB2	-105.0
FIBERTITE, FIBERTITE-XT, FIBERTITE-SM OR FIBERTITE XTREME APPLIED IN ALPHA-TITE BONDING ADHESIVE:								
S-15.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch FTR-VALUE A, FTR-VALUE H	Note 2 #14 only	1 per 2.0 ft2	(Optional) One or more layers of Base Insulation (flat or tapered)	hot asphalt, FTR 601, FTR-601 PG, Polyset Board-Max or Polyset CR-20	SP-BB3 or SP-BB4	-45.0*
S-16.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch FTR-VALUE A, FTR-VALUE H	Note 2 #14 only	1 per 4.0 ft2	(Optional) One or more layers of Base Insulation (flat or tapered)	hot asphalt, FTR 601, FTR-601 PG, Polyset Board-Max or Polyset CR-20	SP-BB3 or SP-BB4	-45.0*
S-17.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 2.0 ft2	One or more layers FTR-VALUE A, FTR-VALUE, FTR-VALUE H	hot asphalt, FTR 601, FTR-601 PG, Polyset Board-Max or Polyset CR-20	SP-BB3 or SP-BB4	-45.0*
S-18.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch FTR-VALUE A, FTR-VALUE H or Multi-Max FA3	Note 2 #14 only	1 per 2.0 ft2	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	hot asphalt, FTR 601, FTR-601 PG, Polyset Board-Max or Polyset CR-20	SP-BB3 or SP-BB4	-45.0*
S-19.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch FTR-VALUE A, FTR-VALUE, FTR-VALUE H or Multi-Max FA3	Note 2	1 per 2.0 ft2	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	FTR 601 or FTR-601 PG,	SP-BB3 or SP-BB4	-45.0*
S-20.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch FTR-VALUE A, FTR-VALUE H or Multi-Max FA3	Note 2 #14 only	1 per 4.0 ft2	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	hot asphalt, FTR 601, FTR-601 PG, Polyset Board-Max or Polyset CR-20	SP-BB3 or SP-BB4	-45.0*
S-21.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch FTR-VALUE A, FTR-VALUE, FTR-VALUE H or Multi-Max FA3	Note 2	1 per 4.0 ft2	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	FTR 601 or FTR-601 PG,	SP-BB3 or SP-BB4	-45.0*
S-22.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span; Traxx/5 screws, 6" o.c. or structural concrete	Min. 2-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	Note 2 #14 only	1 per 2.0 ft2	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	FTR 601, FTR-601 PG, Polyset Board-Max or Polyset CR-20	SP-BB3 or SP-BB4	-52.5
S-23.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; Traxx/5 screws, 6" o.c. or structural concrete	Min. 2-inch FTR-VALUE A or FTR-VALUE H	Note 2 #14 only	1 per 1.3 ft2	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	hot asphalt, FTR 601, FTR-601 PG, Polyset Board-Max or Polyset CR-20	SP-BB3 or SP-BB4	-60.0

TABLE 2A: 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		Roof Cover (Note 15)	MDP (psf)
		Type	Fastener (Note 11)	Attach	Type	Attach (Notes 6,7,8)		
S-24.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span; Traxx/5 screws, 6" o.c. or structural concrete	Min. 2-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	Note 2 #14 only	1 per 1.3 ft2	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	FTR 601, FTR-601 PG, Polyset Board-Max or Polyset CR-20, 6-inch o.c.	SP-BB3 or SP-BB4	-67.5
S-25.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span; Traxx/5 screws, 6" o.c. or structural concrete	Min. 2-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	Note 2 #14 only	1 per 1.0 ft2	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	FTR 601, FTR-601 PG, Polyset Board-Max or Polyset CR-20, 6-inch o.c.	SP-BB3 or SP-BB4	-90.0
FIBERTITE-FB APPLIED IN FTR-290:								
S-26.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch FTR-VALUE A, FTR-VALUE H or Multi-Max FA3	Note 2 #14 only	1 per 2.0 ft2	(Optional) One or more layers of Base Insulation (flat or tapered)	hot asphalt, FTR 601, FTR-601 PG, Polyset Board-Max or Polyset CR-20	SP-FB1	-45.0*
S-27.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch FTR-VALUE A, FTR-VALUE H or Multi-Max FA3	Note 2 #14 only	1 per 4.0 ft2	(Optional) One or more layers of Base Insulation (flat or tapered)	hot asphalt, FTR 601, FTR-601 PG, Polyset Board-Max or Polyset CR-20	SP-FB1	-45.0*
S-28.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 2.0 ft2	One or more layers FTR-VALUE A, FTR-VALUE, FTR-VALUE H or Multi-Max FA3	hot asphalt, FTR 601, FTR-601 PG, Polyset Board-Max or Polyset CR-20	SP-FB1	-45.0*
S-29.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch FTR-VALUE A, FTR-VALUE H or Multi-Max FA3	Note 2 #14 only	1 per 2.0 ft2	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	hot asphalt, FTR 601, FTR-601 PG, Polyset Board-Max or Polyset CR-20	SP-FB1	-45.0*
S-30.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch FTR-VALUE A, FTR-VALUE, FTR-VALUE H or Multi-Max FA3	Note 2	1 per 2.0 ft2	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	FTR 601 or FTR-601 PG,	SP-FB1	-45.0*
S-31.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch FTR-VALUE A, FTR-VALUE H or Multi-Max FA3	Note 2 #14 only	1 per 4.0 ft2	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	hot asphalt, FTR 601, FTR-601 PG, Polyset Board-Max or Polyset CR-20	SP-FB1	-45.0*
S-32.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch FTR-VALUE A, FTR-VALUE, FTR-VALUE H or Multi-Max FA3	Note 2	1 per 4.0 ft2	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	FTR 601 or FTR-601 PG,	SP-FB1	-45.0*
S-33.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span; Traxx/5 screws, 6" o.c. or structural concrete	Min. 2-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	Note 2 #14 only	1 per 2.0 ft2	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR 601, FTR-601 PG, Polyset Board-Max or Polyset CR-20	SP-FB1	-52.5
S-34.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span; Traxx/5 screws, 6" o.c. or structural concrete	Min. 2-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	Note 2 #14 only	1 per 1.3 ft2	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR 601, FTR-601 PG, Polyset Board-Max or Polyset CR-20, 6-inch o.c.	SP-FB1	-67.5
S-35.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span; Traxx/5 screws, 6" o.c. or structural concrete	Min. 2-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	Note 2 #14 only	1 per 1.0 ft2	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR 601, FTR-601 PG, Polyset Board-Max or Polyset CR-20, 6-inch o.c.	SP-FB1	-90.0

TABLE 2A: 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		Roof Cover (Note 15)	MDP (psf)
		Type	Fastener (Note 11)	Attach	Type	Attach (Notes 6,7,8)		
S-36.	Min. 22 ga., Type B, Grade 40 steel; 6 ft span, Teks/5 screws with ¾" washers, 6" o.c. or structural concrete	Min. 2-inch FTR-VALUE A or FTR-VALUE H	OMG #14 Roofgrip with OMG 3" Galvalume Steel Plate	1 per 1.0 ft2	Min. 0.25-inch DensDeck Prime	Polyset Board-Max or Polyset CR-20	SP-FB1	-105.0
FIBERTITE-FB APPLIED IN FTR-390:								
S-37.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch FTR-VALUE A, FTR-VALUE H or Multi-Max FA3	Note 2 #14 only	1 per 2.0 ft2	(Optional) One or more layers of Base Insulation (flat or tapered)	hot asphalt, FTR 601, FTR-601 PG, Polyset Board-Max or Polyset CR-20	SP-FB2	-45.0*
S-38.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch FTR-VALUE A, FTR-VALUE H or Multi-Max FA3	Note 2 #14 only	1 per 4.0 ft2	(Optional) One or more layers of Base Insulation (flat or tapered)	hot asphalt, FTR 601, FTR-601 PG, Polyset Board-Max or Polyset CR-20	SP-FB2	-45.0*
S-39.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 2.0 ft2	One or more layers FTR-VALUE A, FTR-VALUE, FTR-VALUE H or Multi-Max FA3	hot asphalt, FTR 601, FTR-601 PG, Polyset Board-Max or Polyset CR-20	SP-FB2	-45.0*
S-40.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch FTR-VALUE A, FTR-VALUE H or Multi-Max FA3	Note 2 #14 only	1 per 2.0 ft2	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	hot asphalt, FTR 601, FTR-601 PG, Polyset Board-Max or Polyset CR-20	SP-FB2	-45.0*
S-41.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch FTR-VALUE A, FTR-VALUE, FTR-VALUE H or Multi-Max FA3	Note 2	1 per 2.0 ft2	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	FTR 601 or FTR-601 PG,	SP-FB2	-45.0*
S-42.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch FTR-VALUE A, FTR-VALUE H or Multi-Max FA3	Note 2 #14 only	1 per 4.0 ft2	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	hot asphalt, FTR 601, FTR-601 PG, Polyset Board-Max or Polyset CR-20	SP-FB2	-45.0*
S-43.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch FTR-VALUE A, FTR-VALUE, FTR-VALUE H or Multi-Max FA3	Note 2	1 per 4.0 ft2	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	FTR 601 or FTR-601 PG,	SP-FB2	-45.0*
FIBERTITE-FB APPLIED IN FTR-490:								
S-44.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch FTR-VALUE A, FTR-VALUE H or Multi-Max FA3	Note 2 #14 only	1 per 2.0 ft2	Min. 0.5-inch DensDeck Prime	hot asphalt, FTR 601, FTR-601 PG, Polyset Board-Max or Polyset CR-20	SP-FB3	-45.0*
S-45.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch FTR-VALUE A, FTR-VALUE, FTR-VALUE H or Multi-Max FA3	Note 2	1 per 2.0 ft2	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	FTR 601 or FTR-601 PG,	SP-FB3	-45.0*
S-46.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch FTR-VALUE A, FTR-VALUE H or Multi-Max FA3	Note 2 #14 only	1 per 4.0 ft2	Min. 0.5-inch DensDeck Prime	hot asphalt, FTR 601, FTR-601 PG, Polyset Board-Max or Polyset CR-20	SP-FB3	-45.0*

TABLE 2A: 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		Roof Cover (Note 15)	MDP (psf)
		Type	Fastener (Note 11)	Attach	Type	Attach (Notes 6,7,8)		
S-47.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch FTR-VALUE A, FTR-VALUE, FTR-VALUE H or Multi-Max FA3	Note 2	1 per 4.0 ft2	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	FTR 601 or FTR-601 PG,	SP-FB3	-45.0*
FIBERTITE-FB APPLIED IN HOT ASPHALT:								
S-48.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch FTR-VALUE A, FTR-VALUE H or Multi-Max FA3	Note 2 #14 only	1 per 2.0 ft2	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	hot asphalt, FTR 601, FTR-601 PG, Polyset Board-Max or Polyset CR-20	SP-FB4	-45.0*
S-49.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch FTR-VALUE A, FTR-VALUE, FTR-VALUE H or Multi-Max FA3	Note 2	1 per 2.0 ft2	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	FTR 601 or FTR-601 PG,	SP-FB4	-45.0*
S-50.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch FTR-VALUE A, FTR-VALUE H or Multi-Max FA3	Note 2 #14 only	1 per 4.0 ft2	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	hot asphalt, FTR 601, FTR-601 PG, Polyset Board-Max or Polyset CR-20	SP-FB4	-45.0*
S-51.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch FTR-VALUE A, FTR-VALUE, FTR-VALUE H or Multi-Max FA3	Note 2	1 per 4.0 ft2	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	FTR 601 or FTR-601 PG,	SP-FB4	-45.0*
S-52.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span; Traxx/5 screws, 6" o.c. or structural concrete	Min. 2-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	Note 2 #14 only	1 per 2.0 ft2	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR 601, FTR-601 PG, Polyset Board-Max or Polyset CR-20	SP-FB4	-52.5
S-53.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span; Traxx/5 screws, 6" o.c. or structural concrete	Min. 2-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	Note 2 #14 only	1 per 1.3 ft2	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR 601, FTR-601 PG, Polyset Board-Max or Polyset CR-20, 6-inch o.c.	SP-FB4	-67.5
S-54.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span; Traxx/5 screws, 6" o.c. or structural concrete	Min. 2-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	Note 2 #14 only	1 per 1.0 ft2	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR 601, FTR-601 PG, Polyset Board-Max or Polyset CR-20, 6-inch o.c.	SP-FB4	-90.0
S-55.	Min. 22 ga., Type B, Grade 40 steel; 6 ft span, Teks/5 screws with 3/4" washers, 6" o.c. or structural concrete	Min. 2-inch FTR-VALUE A or FTR-VALUE H	OMG #14 Roofgrip with OMG 3" Galvalume Steel Plate	1 per 1.0 ft2	Min. 0.25-inch DensDeck Prime	Polyset Board-Max or Polyset CR-20	SP-FB4	-105.0
FIBERTITE-FB APPLIED IN POLYSET CR-20 (SPATTER) OR FTR 601-PG (SPATTER):								
S-56.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch FTR-VALUE A or FTR-VALUE H	Note 2 #14 only	1 per 2.0 ft2	(Optional) One or more layers of Base Insulation (flat or tapered)	hot asphalt, FTR 601, FTR-601 PG, Polyset Board-Max or Polyset CR-20	SP-FB5 or SP-FB6	-45.0*
S-57.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch FTR-VALUE A or FTR-VALUE H	Note 2 #14 only	1 per 4.0 ft2	(Optional) One or more layers of Base Insulation (flat or tapered)	hot asphalt, FTR 601, FTR-601 PG, Polyset Board-Max or Polyset CR-20	SP-FB5 or SP-FB6	-45.0*

TABLE 2A: 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		Roof Cover (Note 15)	MDP (psf)
		Type	Fastener (Note 11)	Attach	Type	Attach (Notes 6,7,8)		
S-58.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 2.0 ft2	One or more layers FTR-VALUE A, FTR-VALUE H or FTR-Value H Glass Facer	hot asphalt, FTR 601, FTR-601 PG, Polyset Board-Max or Polyset CR-20	SP-FB5 or SP-FB6	-45.0*
S-59.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch FTR-VALUE A, FTR-VALUE H or Multi-Max FA3	Note 2 #14 only	1 per 2.0 ft2	Min. 0.5-inch DensDeck Prime	hot asphalt, FTR 601, FTR-601 PG, Polyset Board-Max or Polyset CR-20	SP-FB5 or SP-FB6	-45.0*
S-60.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch FTR-VALUE A, FTR-VALUE H or Multi-Max FA3	Note 2 #14 only	1 per 4.0 ft2	Min. 0.5-inch DensDeck Prime	hot asphalt, FTR 601, FTR-601 PG, Polyset Board-Max or Polyset CR-20	SP-FB5 or SP-FB6	-45.0*
S-61.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch FTR-VALUE A, FTR-VALUE H or Multi-Max FA3	Note 2 #14 only	1 per 2.0 ft2	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	hot asphalt, FTR 601, FTR-601 PG, Polyset Board-Max or Polyset CR-20	SP-FB5 or SP-FB6	-45.0*
S-62.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch FTR-VALUE A, FTR-VALUE H or Multi-Max FA3	Note 2	1 per 2.0 ft2	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	FTR 601 or FTR-601 PG,	SP-FB5 or SP-FB6	-45.0*
S-63.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch FTR-VALUE A, FTR-VALUE H or Multi-Max FA3	Note 2 #14 only	1 per 4.0 ft2	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	hot asphalt, FTR 601, FTR-601 PG, Polyset Board-Max or Polyset CR-20	SP-FB5 or SP-FB6	-45.0*
S-64.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch FTR-VALUE A, FTR-VALUE H or Multi-Max FA3	Note 2	1 per 4.0 ft2	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	FTR 601 or FTR-601 PG,	SP-FB5 or SP-FB6	-45.0*
S-65.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span; Traxx/5 screws, 6" o.c. or structural concrete	Min. 2-inch FTR-VALUE A, FTR-VALUE H or FTR-VALUE H	Note 2 #14 only	1 per 2.0 ft2	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR 601, FTR-601 PG, Polyset Board-Max or Polyset CR-20	SP-FB5 or SP-FB6	-52.5
S-66.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; Traxx/5 screws, 6" o.c. or structural concrete	Min. 2-inch FTR-VALUE A or FTR-VALUE H	Note 2 #14 only	1 per 1.3 ft2	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	hot asphalt, FTR 601, FTR-601 PG, Polyset Board-Max or Polyset CR-20	SP-FB5 or SP-FB6	-60.0
S-67.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span; Traxx/5 screws, 6" o.c. or structural concrete	Min. 2-inch FTR-VALUE A, FTR-VALUE H or FTR-VALUE H	Note 2 #14 only	1 per 1.3 ft2	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR 601, FTR-601 PG, Polyset Board-Max or Polyset CR-20, 6-inch o.c.	SP-FB5 or SP-FB6	-67.5
S-68.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span; Traxx/5 screws, 6" o.c. or structural concrete	Min. 2-inch FTR-VALUE A, FTR-VALUE H or FTR-VALUE H	Note 2 #14 only	1 per 1.0 ft2	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR 601, FTR-601 PG, Polyset Board-Max or Polyset CR-20, 6-inch o.c.	SP-FB5 or SP-FB6	-90.0
S-69.	Min. 22 ga., Type B, Grade 40 steel; 6 ft span, Teks/5 screws with ¾" washers, 6" o.c. or structural concrete	Min. 2-inch FTR-VALUE A or FTR-VALUE H	OMG #14 Roofgrip with OMG 3" Galvalume Steel Plate	1 per 1.0 ft2	Min. 0.25-inch DensDeck Prime	Polyset Board-Max or Polyset CR-20	SP-FB5 or SP-FB6	-105.0

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

System No.	Deck (Note 1)	Base Insulation Layer			Top Insulation Layer		Roof Cover (Note 15)			MDP (psf)
		Type	Fastener (Note 11)	Attach	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
S-70.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	Note 2	1 per 2.0 ft2	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum Fiber-Roof Board	hot asphalt, FTR 601, FTR-601 PG, Polyset Board-Max or Polyset CR-20	SBS-AA, SBS-CA1, SBS-CA2 or SBS-TA	(Optional) SBS-AA, SBS-CA1, SBS-CA2 or SBS-TA	SP-FB2, SP-FB4, SP-FB5, SP-FB6 or SP-FB7	-45.0*
S-71.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	Note 2	1 per 4.0 ft2	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum Fiber-Roof Board	hot asphalt, FTR 601, FTR-601 PG, Polyset Board-Max or Polyset CR-20	SBS-AA, SBS-CA1, SBS-CA2 or SBS-TA	(Optional) SBS-AA, SBS-CA1, SBS-CA2 or SBS-TA	SP-FB2, SP-FB4, SP-FB5, SP-FB6 or SP-FB7	-45.0*
S-72.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span; Traxx/5 screws, 6" o.c. or structural concrete	Min. 2-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	Note 2 #14 only	1 per 2.0 ft2	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum Fiber-Roof Board	FTR 601, FTR-601 PG Polyset Board-Max or Polyset CR-20	SBS-AA, SBS-CA1, SBS-CA2 or SBS-TA	(Optional) SBS-AA, SBS-CA1, SBS-CA2 or SBS-TA	SP-FB4, SP-FB5, SP-FB6 or SP-FB7	-52.5
S-73.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; Traxx/5 screws, 6" o.c. or structural concrete	Min. 2-inch FTR-VALUE A or FTR-VALUE H	Note 2 #14 only	1 per 1.3 ft2	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum Fiber-Roof Board	hot asphalt, FTR 601, FTR-601 PG Polyset Board-Max or Polyset CR-20	SBS-AA, SBS-CA1, SBS-CA2 or SBS-TA	(Optional) SBS-AA, SBS-CA1, SBS-CA2 or SBS-TA	SP-FB4, SP-FB5, SP-FB6 or SP-FB7	-60.0
S-74.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span; Traxx/5 screws, 6" o.c. or structural concrete	Min. 2-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	Note 2 #14 only	1 per 1.3 ft2	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR 601, FTR-601 PG Polyset Board-Max or Polyset CR-20, 6-inch o.c.	SBS-AA, SBS-CA1, SBS-CA2 or SBS-TA	(Optional) SBS-AA, SBS-CA1, SBS-CA2 or SBS-TA	SP-FB4, SP-FB5, SP-FB6 or SP-FB7	-67.5
S-75.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span; Traxx/5 screws, 6" o.c. or structural concrete	Min. 2-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	Note 2 #14 only	1 per 1.0 ft2	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR 601, FTR-601 PG Polyset Board-Max or Polyset CR-20, 6-inch o.c.	SBS-AA, SBS-CA1, SBS-CA2 or SBS-TA	(Optional) SBS-AA, SBS-CA1, SBS-CA2 or SBS-TA	SP-FB4, SP-FB5, SP-FB6 or SP-FB7	-90.0
S-76.	Min. 22 ga., Type B, Grade 40 steel; 6 ft span; Teks/5 screws with ¾" washers, 6" o.c. or structural concrete	Min. 2-inch FTR-VALUE A or FTR-VALUE H	OMG #14 Roofgrip with OMG 3" Galvalume Steel Plate	1 per 1.0 ft2	Min. 0.25-inch DensDeck Prime	Polyset Board-Max or Polyset CR-20	SBS-AA, SBS-CA1, SBS-CA2 or SBS-TA	(Optional) SBS-AA, SBS-CA1, SBS-CA2 or SBS-TA	SP-FB4, SP-FB5, SP-FB6 or SP-FB7	-105.0

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

System No.	Deck (Note 1)	Thermal Barrier			Primer	Temp Roof	Insulation Layer(s)		Roof Cover (Note 15)	MDP (psf)
		Type	Fasten (Note 11)	Attach			Type	Attach (Notes 6,7,8)		
FIBERTITE, FIBERTITE-XT, FIBERTITE-SM OR FIBERTITE XTREME APPLIED IN FTR-190E:										
S-77.	Min. 22 ga., Type B, Grade 33 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 4.0 ft²	None	VaporTite, self-adhering	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H followed by min. 0.25-inch SECUROCK Gypsum Fiber Roof Board	FTR 601 or FTR-601 PG	SP-BB1 or SP-BB2	-45.0*
S-78.	Min. 22 ga., Type B, Grade 33 steel	Min. 0.5-inch SECUROCK Cement Roof Board	Note 2	1 per 4.0 ft²	ASTM D41	SBS-TA	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H followed by min. 0.25-inch SECUROCK Gypsum Fiber Roof Board	FTR 601 or FTR-601 PG	SP-BB1 or SP-BB2	-45.0*
S-79.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; Traxx/5 screws, 6" o.c.	Min. 0.4375-inch DEXcell Cement Roof Board or Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Cement Roof Board or SECUROCK Gypsum-Fiber Roof Board	FiberTite #14 with FiberTite 3-in Steel Plate	1 per 2.0 ft²	FTR SA Primer or Soprema "ELASTOCOL Stick"	VaporTite, self-adhering	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG	SP-BB1 or SP-BB2	-52.5
S-80.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; Traxx/5 screws, 6" o.c.	Min. 0.4375-inch DEXcell Cement Roof Board or Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Cement Roof Board or SECUROCK Gypsum-Fiber Roof Board	FiberTite #14 with FiberTite 3-in Steel Plate	1 per 2.0 ft²	(Optional) ASTM D41	SBS-AA, SBS-CA1, SBS-CA2 or SBS-TA	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	hot asphalt, FTR 601 or FTR-601 PG	SP-BB1 or SP-BB2	-52.5
S-81.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; Traxx/5 screws, 6" o.c.	Min. 0.4375-inch DEXcell Cement Roof Board or Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Cement Roof Board or SECUROCK Gypsum-Fiber Roof Board	FiberTite #14 with FiberTite 3-in Steel Plate	1 per 1.3 ft²	FTR SA Primer or Soprema "ELASTOCOL Stick"	VaporTite, self-adhering	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG, 6-inch o.c.	SP-BB1 or SP-BB2	-75.0
S-82.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; Traxx/5 screws, 6" o.c.	Min. 0.4375-inch DEXcell Cement Roof Board or Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Cement Roof Board or SECUROCK Gypsum-Fiber Roof Board	FiberTite #14 with FiberTite 3-in Steel Plate	1 per 1.3 ft²	ASTM D41	SBS-AA or SBS-TA	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	hot asphalt or FTR 601 or FTR-601 PG, 6-inch o.c.	SP-BB1 or SP-BB2	-75.0
S-83.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; Traxx/5 screws, 6" o.c.	Min. 0.4375-inch DEXcell Cement Roof Board or Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Cement Roof Board or SECUROCK Gypsum-Fiber Roof Board	FiberTite #14 with FiberTite 3-in Steel Plate	1 per 1.0 ft²	FTR SA Primer or Soprema "ELASTOCOL Stick"	VaporTite, self-adhering	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG, 6-inch o.c.	SP-BB1 or SP-BB2	-82.5
S-84.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; Traxx/5 screws, 6" o.c.	Min. 0.4375-inch DEXcell Cement Roof Board or Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Cement Roof Board or SECUROCK Gypsum-Fiber Roof Board	FiberTite #14 with FiberTite 3-in Steel Plate	1 per 1.0 ft²	ASTM D41	SBS-AA or SBS-TA	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	hot asphalt or FTR 601 or FTR-601 PG, 6-inch o.c.	SP-BB1 or SP-BB2	-82.5

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

System No.	Deck (Note 1)	Thermal Barrier			Primer	Temp Roof	Insulation Layer(s)		Roof Cover (Note 15)	MDP (psf)
		Type	Fasten (Note 11)	Attach			Type	Attach (Notes 6,7,8)		
S-85.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span; Traxx/5 screws, 6" o.c.	Min. 0.4375-inch DEXcell Cement Roof Board or Min. 0.5-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FiberTite #14 with FiberTite 3-in Steel Plate	1 per 1.0 ft ²	FTR SA Primer or Soprema "ELASTOCOL Stick"	VaporTite, self-adhering	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG, 6-inch o.c.	SP-BB1 or SP-BB2	-90.0
S-86.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span; Traxx/5 screws, 6" o.c.	Min. 0.4375-inch DEXcell Cement Roof Board or Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Cement Roof Board or SECUROCK Gypsum-Fiber Roof Board	FiberTite #14 with FiberTite 3-in Steel Plate	1 per 1.0 ft ²	ASTM D41	SBS-AA or SBS-TA	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	hot asphalt or FTR 601 or FTR-601 PG, 6-inch o.c.	SP-BB1 or SP-BB2	-90.0
S-87.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span; Traxx/5 screws, 6" o.c.	Min. 0.5-inch DensDeck Prime or SECUROCK Cement Roof Board	FiberTite #14 with FiberTite 3-in Steel Plate	1 per 1.0 ft ²	FTR SA Primer or Soprema "ELASTOCOL Stick"	VaporTite, self-adhering	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG, 6-inch o.c.	SP-BB1 or SP-BB2	-105.0
FIBERTITE, FIBERTITE-XT, FIBERTITE-SM OR FIBERTITE XTREME APPLIED IN ALPHA-TITE BONDING ADHESIVE:										
S-88.	Min. 22 ga., Type B, Grade 33 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 4.0 ft ²	None	VaporTite, self-adhering	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H followed by min. 0.25-inch SECUROCK Gypsum Fiber Roof Board	FTR 601 or FTR-601 PG	SP-BB3 or SP-BB4	-45.0*
S-89.	Min. 22 ga., Type B, Grade 33 steel	Min. 0.5-inch SECUROCK Cement Roof Board	Note 2	1 per 4.0 ft ²	ASTM D41	SBS-TA	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H followed by min. 0.25-inch SECUROCK Gypsum Fiber Roof Board	FTR 601 or FTR-601 PG	SP-BB3 or SP-BB4	-45.0*
S-90.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; Traxx/5 screws, 6" o.c.	Min. 0.4375-inch DEXcell Cement Roof Board or Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Cement Roof Board or SECUROCK Gypsum-Fiber Roof Board	FiberTite #14 with FiberTite 3-in Steel Plate	1 per 2.0 ft ²	FTR SA Primer or Soprema "ELASTOCOL Stick"	VaporTite, self-adhering	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG	SP-BB3 or SP-BB4	-52.5
S-91.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; Traxx/5 screws, 6" o.c.	Min. 0.4375-inch DEXcell Cement Roof Board or Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Cement Roof Board or SECUROCK Gypsum-Fiber Roof Board	FiberTite #14 with FiberTite 3-in Steel Plate	1 per 2.0 ft ²	(Optional) ASTM D41	SBS-AA, SBS-CA1, SBS-CA2 or SBS-TA	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	hot asphalt, FTR 601 or FTR-601 PG	SP-BB3 or SP-BB4	-52.5
S-92.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; Traxx/5 screws, 6" o.c.	Min. 0.4375-inch DEXcell Cement Roof Board or Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Cement Roof Board or SECUROCK Gypsum-Fiber Roof Board	FiberTite #14 with FiberTite 3-in Steel Plate	1 per 1.3 ft ²	FTR SA Primer or Soprema "ELASTOCOL Stick"	VaporTite, self-adhering	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG, 6-inch o.c.	SP-BB3 or SP-BB4	-75.0

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

System No.	Deck (Note 1)	Thermal Barrier			Primer	Temp Roof	Insulation Layer(s)		Roof Cover (Note 15)	MDP (psf)
		Type	Fasten (Note 11)	Attach			Type	Attach (Notes 6,7,8)		
S-93.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; Traxx/5 screws, 6" o.c.	Min. 0.4375-inch DEXcell Cement Roof Board or Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Cement Roof Board or SECUROCK Gypsum-Fiber Roof Board	FiberTite #14 with FiberTite 3-in Steel Plate	1 per 1.3 ft ²	ASTM D41	SBS-AA or SBS-TA	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	hot asphalt or FTR 601 or FTR-601 PG, 6-inch o.c.	SP-BB3 or SP-BB4	-75.0
S-94.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; Traxx/5 screws, 6" o.c.	Min. 0.4375-inch DEXcell Cement Roof Board or Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Cement Roof Board or SECUROCK Gypsum-Fiber Roof Board	FiberTite #14 with FiberTite 3-in Steel Plate	1 per 1.0 ft ²	FTR SA Primer or Soprema "ELASTOCOL Stick"	VaporTite, self-adhering	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG, 6-inch o.c.	SP-BB3 or SP-BB4	-82.5
S-95.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; Traxx/5 screws, 6" o.c.	Min. 0.4375-inch DEXcell Cement Roof Board or Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Cement Roof Board or SECUROCK Gypsum-Fiber Roof Board	FiberTite #14 with FiberTite 3-in Steel Plate	1 per 1.0 ft ²	ASTM D41	SBS-AA or SBS-TA	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	hot asphalt or FTR 601 or FTR-601 PG, 6-inch o.c.	SP-BB3 or SP-BB4	-82.5
S-96.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span; Traxx/5 screws, 6" o.c.	Min. 0.4375-inch DEXcell Cement Roof Board or Min. 0.5-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FiberTite #14 with FiberTite 3-in Steel Plate	1 per 1.0 ft ²	FTR SA Primer or Soprema "ELASTOCOL Stick"	VaporTite, self-adhering	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG, 6-inch o.c.	SP-BB3 or SP-BB4	-90.0
S-97.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span; Traxx/5 screws, 6" o.c.	Min. 0.4375-inch DEXcell Cement Roof Board or Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Cement Roof Board or SECUROCK Gypsum-Fiber Roof Board	FiberTite #14 with FiberTite 3-in Steel Plate	1 per 1.0 ft ²	ASTM D41	SBS-AA or SBS-TA	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	hot asphalt or FTR 601 or FTR-601 PG, 6-inch o.c.	SP-BB3 or SP-BB4	-90.0
S-98.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span; Traxx/5 screws, 6" o.c.	Min. 0.5-inch DensDeck Prime or SECUROCK Cement Roof Board	FiberTite #14 with FiberTite 3-in Steel Plate	1 per 1.0 ft ²	FTR SA Primer or Soprema "ELASTOCOL Stick"	VaporTite, self-adhering	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG, 6-inch o.c.	SP-BB3 or SP-BB4	-105.0
FIBERTITE-FB APPLICATIONS:										
S-99.	Min. 22 ga., Type B, Grade 33 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 4.0 ft ²	None	VaporTite, self-adhering	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H followed by min. 0.25-inch SECUROCK Gypsum Fiber Roof Board	FTR 601 or FTR-601 PG	SP-FB1, SP-FB2, SP-FB3, SP-FB4, SP-FB5 or SP-FB6	-45.0*

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

System No.	Deck (Note 1)	Thermal Barrier			Primer	Temp Roof	Insulation Layer(s)		Roof Cover (Note 15)	MDP (psf)
		Type	Fasten (Note 11)	Attach			Type	Attach (Notes 6,7,8)		
S-100.	Min. 22 ga., Type B, Grade 33 steel	Min. 0.5-inch SECUROCK Cement Roof Board	Note 2	1 per 4.0 ft ²	ASTM D41	SBS-TA	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H followed by min. 0.25-inch SECUROCK Gypsum Fiber Roof Board	FTR 601 or FTR-601 PG	SP-FB1, SP-FB2, SP-FB3, SP-FB4, SP-FB5 or SP-FB6	-45.0*
S-101.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Tek 5 screws, 6" o.c.	Min. 0.4375-inch DEXcell Cement Roof Board or Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Cement Roof Board or SECUROCK Gypsum-Fiber Roof Board	FiberTite #14 with FiberTite 3-in Steel Plate	1 per 2.0 ft ²	FTR SA Primer or Soprema "ELASTOCOL Stick"	VaporTite, self-adhering	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG	SP-FB1, SP-FB2, SP-FB3, SP-FB4, SP-FB5 or SP-FB6	-52.5
S-102.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Tek 5 screws, 6" o.c.	Min. 0.4375-inch DEXcell Cement Roof Board or Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Cement Roof Board or SECUROCK Gypsum-Fiber Roof Board	FiberTite #14 with FiberTite 3-in Steel Plate	1 per 2.0 ft ²	(Optional) ASTM D41	SBS-AA, SBS-CA1, SBS-CA2 or SBS-TA	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	hot asphalt, FTR 601 or FTR-601 PG	SP-FB1, SP-FB2, SP-FB3, SP-FB4, SP-FB5 or SP-FB6	-52.5
S-103.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Tek 5 screws, 6" o.c.	Min. 0.4375-inch DEXcell Cement Roof Board or Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Cement Roof Board or SECUROCK Gypsum-Fiber Roof Board	FiberTite #14 with FiberTite 3-in Steel Plate	1 per 1.3 ft ²	FTR SA Primer or Soprema "ELASTOCOL Stick"	VaporTite, self-adhering	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG, 6-inch o.c.	SP-FB1, SP-FB2, SP-FB3, SP-FB4, SP-FB5 or SP-FB6	-75.0
S-104.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Tek 5 screws, 6" o.c.	Min. 0.4375-inch DEXcell Cement Roof Board or Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Cement Roof Board or SECUROCK Gypsum-Fiber Roof Board	FiberTite #14 with FiberTite 3-in Steel Plate	1 per 1.3 ft ²	ASTM D41	SBS-AA or SBS-TA	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	hot asphalt or FTR 601 or FTR-601 PG, 6-inch o.c.	SP-FB1, SP-FB2, SP-FB3, SP-FB4, SP-FB5 or SP-FB6	-75.0
S-105.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Tek 5 screws, 6" o.c.	Min. 0.4375-inch DEXcell Cement Roof Board or Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Cement Roof Board or SECUROCK Gypsum-Fiber Roof Board	FiberTite #14 with FiberTite 3-in Steel Plate	1 per 1.0 ft ²	FTR SA Primer or Soprema "ELASTOCOL Stick"	VaporTite, self-adhering	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG, 6-inch o.c.	SP-FB1, SP-FB2, SP-FB3, SP-FB4, SP-FB5 or SP-FB6	-82.5
S-106.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Tek 5 screws, 6" o.c.	Min. 0.4375-inch DEXcell Cement Roof Board or Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Cement Roof Board or SECUROCK Gypsum-Fiber Roof Board	FiberTite #14 with FiberTite 3-in Steel Plate	1 per 1.0 ft ²	ASTM D41	SBS-AA or SBS-TA	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	hot asphalt or FTR 601 or FTR-601 PG, 6-inch o.c.	SP-FB1, SP-FB2, SP-FB3, SP-FB4, SP-FB5 or SP-FB6	-82.5

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

System No.	Deck (Note 1)	Thermal Barrier			Primer	Temp Roof	Insulation Layer(s)		Roof Cover (Note 15)	MDP (psf)
		Type	Fasten (Note 11)	Attach			Type	Attach (Notes 6,7,8)		
S-107.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span; #12 HWH Tek 5 screws, 6" o.c.	Min. 0.4375-inch DEXcell Cement Roof Board or Min. 0.5-inch DEXcell FA Glass Mat Roof Board or SECURROCK Gypsum-Fiber Roof Board	FiberTite #14 with FiberTite 3-in Steel Plate	1 per 1.0 ft ²	FTR SA Primer or Soprema "ELASTOCOL Stick"	VaporTite, self-adhering	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECURROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG, 6-inch o.c.	SP-FB1, SP-FB2, SP-FB3, SP-FB4, SP-FB5 or SP-FB6	-90.0
S-108.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span; #12 HWH Tek 5 screws, 6" o.c.	Min. 0.4375-inch DEXcell Cement Roof Board or Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECURROCK Cement Roof Board or SECURROCK Gypsum-Fiber Roof Board	FiberTite #14 with FiberTite 3-in Steel Plate	1 per 1.0 ft ²	ASTM D41	SBS-AA or SBS-TA	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECURROCK Gypsum-Fiber Roof Board	hot asphalt or FTR 601 or FTR-601 PG, 6-inch o.c.	SP-FB1, SP-FB2, SP-FB3, SP-FB4, SP-FB5 or SP-FB6	-90.0
S-109.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span; #12 HWH Tek 5 screws, 6" o.c.	Min. 0.5-inch DensDeck Prime or SECURROCK Cement Roof Board	FiberTite #14 with FiberTite 3-in Steel Plate	1 per 1.0 ft ²	FTR SA Primer or Soprema "ELASTOCOL Stick"	VaporTite, self-adhering	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECURROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG, 6-inch o.c.	SP-FB1, SP-FB2, SP-FB3, SP-FB4, SP-FB5 or SP-FB6	-105.0

TABLE 2d: STEEL DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF)
SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED TEMP ROOF, BONDED TOP INSULATION, BONDED BASE PLY(S), BONDED ROOF COVER

System No.	Deck (Note 1)	Thermal Barrier			Primer	Temp Roof	Insulation Layer(s)		Roof Cover (Note 15)			MDP (psf)
		Type	Fasten (Note 11)	Attach			Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
S-110.	Min. 22 ga., Type B, Grade 33 steel	Min. 0.5-inch SECURROCK Gypsum-Fiber Roof Board	Note 2	1 per 4.0 ft ²	None	VaporTite, self-adhering	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H followed by min. 0.25-inch SECURROCK Gypsum Fiber Roof Board	FTR 601 or FTR-601 PG	SBS-AA, SBS-CA1, SBS-CA2 or SBS-TA	(Optional) SBS-AA, SBS-CA1, SBS-CA2 or SBS-TA	SP-FB4, SP-FB5, SP-FB6 or SP-FB7	-45.0*
S-111.	Min. 22 ga., Type B, Grade 33 steel	Min. 0.5-inch SECURROCK Cement Roof Board	Note 2	1 per 4.0 ft ²	ASTM D41	SBS-TA	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H followed by min. 0.25-inch SECURROCK Gypsum Fiber Roof Board	FTR 601 or FTR-601 PG	SBS-AA, SBS-CA1, SBS-CA2 or SBS-TA	(Optional) SBS-AA, SBS-CA1, SBS-CA2 or SBS-TA	SP-FB4, SP-FB5, SP-FB6 or SP-FB7	-45.0*
S-112.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Tek 5 screws, 6" o.c.	Min. 0.4375-inch DEXcell Cement Roof Board or Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECURROCK Cement Roof Board or SECURROCK Gypsum-Fiber Roof Board	FiberTite #14 with FiberTite 3-in Steel Plate	1 per 2.0 ft ²	FTR SA Primer or Soprema "ELASTOCOL Stick"	VaporTite, self-adhering	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECURROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG	SBS-AA, SBS-CA1, SBS-CA2 or SBS-TA	(Optional) SBS-AA, SBS-CA1, SBS-CA2 or SBS-TA	SP-FB4, SP-FB5, SP-FB6 or SP-FB7	-52.5
S-113.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Tek 5 screws, 6" o.c.	Min. 0.4375-inch DEXcell Cement Roof Board or Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECURROCK Cement Roof Board or SECURROCK Gypsum-Fiber Roof Board	FiberTite #14 with FiberTite 3-in Steel Plate	1 per 2.0 ft ²	(Optional) ASTM D41	SBS-AA, SBS-CA1, SBS-CA2 or SBS-TA	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECURROCK Gypsum-Fiber Roof Board	hot asphalt, FTR 601 or FTR-601 PG	SBS-AA, SBS-CA1, SBS-CA2 or SBS-TA	(Optional) SBS-AA, SBS-CA1, SBS-CA2 or SBS-TA	SP-FB4, SP-FB5, SP-FB6 or SP-FB7	-52.5

TABLE 2d: STEEL DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF)
SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED TEMP ROOF, BONDED TOP INSULATION, BONDED BASE PLY(S), BONDED ROOF COVER

System No.	Deck (Note 1)	Thermal Barrier			Primer	Temp Roof	Insulation Layer(s)		Roof Cover (Note 15)			MDP (psf)
		Type	Fasten (Note 11)	Attach			Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
S-114.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Tek 5 screws, 6" o.c.	Min. 0.4375-inch DEXcell Cement Roof Board or Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Cement Roof Board or SECUROCK Gypsum-Fiber Roof Board	FiberTite #14 with FiberTite 3-in Steel Plate	1 per 1.3 ft ²	(Optional) ASTM D41	SBS-CA1 or SBS-CA2	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG, 6-inch o.c.	SBS-AA, SBS-CA1, SBS-CA2 or SBS-TA	(Optional) SBS-AA, SBS-CA1, SBS-CA2 or SBS-TA	SP-FB4, SP-FB5, SP-FB6 or SP-FB7	-60.0
S-115.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Tek 5 screws, 6" o.c.	Min. 0.4375-inch DEXcell Cement Roof Board or Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Cement Roof Board or SECUROCK Gypsum-Fiber Roof Board	FiberTite #14 with FiberTite 3-in Steel Plate	1 per 1.3 ft ²	FTR SA Primer or Soprema "ELASTOCOL Stick"	VaporTite, self-adhering	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG, 6-inch o.c.	SBS-AA, SBS-CA1, SBS-CA2 or SBS-TA	(Optional) SBS-AA, SBS-CA1, SBS-CA2 or SBS-TA	SP-FB4, SP-FB5, SP-FB6 or SP-FB7	-75.0
S-116.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Tek 5 screws, 6" o.c.	Min. 0.4375-inch DEXcell Cement Roof Board or Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Cement Roof Board or SECUROCK Gypsum-Fiber Roof Board	FiberTite #14 with FiberTite 3-in Steel Plate	1 per 1.3 ft ²	ASTM D41	SBS-AA or SBS-TA	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	hot asphalt or FTR 601 or FTR-601 PG, 6-inch o.c.	SBS-AA, SBS-CA1, SBS-CA2 or SBS-TA	(Optional) SBS-AA, SBS-CA1, SBS-CA2 or SBS-TA	SP-FB4, SP-FB5, SP-FB6 or SP-FB7	-75.0
S-117.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Tek 5 screws, 6" o.c.	Min. 0.4375-inch DEXcell Cement Roof Board or Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Cement Roof Board or SECUROCK Gypsum-Fiber Roof Board	FiberTite #14 with FiberTite 3-in Steel Plate	1 per 1.0 ft ²	FTR SA Primer or Soprema "ELASTOCOL Stick"	VaporTite, self-adhering	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG, 6-inch o.c.	SBS-AA, SBS-CA1, SBS-CA2 or SBS-TA	(Optional) SBS-AA, SBS-CA1, SBS-CA2 or SBS-TA	SP-FB4, SP-FB5, SP-FB6 or SP-FB7	-82.5
S-118.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Tek 5 screws, 6" o.c.	Min. 0.4375-inch DEXcell Cement Roof Board or Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Cement Roof Board or SECUROCK Gypsum-Fiber Roof Board	FiberTite #14 with FiberTite 3-in Steel Plate	1 per 1.0 ft ²	ASTM D41	SBS-AA or SBS-TA	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	hot asphalt or FTR 601 or FTR-601 PG, 6-inch o.c.	SBS-AA, SBS-CA1, SBS-CA2 or SBS-TA	(Optional) SBS-AA, SBS-CA1, SBS-CA2 or SBS-TA	SP-FB4, SP-FB5, SP-FB6 or SP-FB7	-82.5
S-119.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span; #12 HWH Tek 5 screws, 6" o.c.	Min. 0.4375-inch DEXcell Cement Roof Board or Min. 0.5-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FiberTite #14 with FiberTite 3-in Steel Plate	1 per 1.0 ft ²	FTR SA Primer or Soprema "ELASTOCOL Stick"	VaporTite, self-adhering	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG, 6-inch o.c.	SBS-AA, SBS-CA1, SBS-CA2 or SBS-TA	(Optional) SBS-AA, SBS-CA1, SBS-CA2 or SBS-TA	SP-FB4, SP-FB5, SP-FB6 or SP-FB7	-90.0
S-120.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span; #12 HWH Tek 5 screws, 6" o.c.	Min. 0.4375-inch DEXcell Cement Roof Board or Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Cement Roof Board or SECUROCK Gypsum-Fiber Roof Board	FiberTite #14 with FiberTite 3-in Steel Plate	1 per 1.0 ft ²	ASTM D41	SBS-AA or SBS-TA	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	hot asphalt or FTR 601 or FTR-601 PG, 6-inch o.c.	SBS-AA, SBS-CA1, SBS-CA2 or SBS-TA	(Optional) SBS-AA, SBS-CA1, SBS-CA2 or SBS-TA	SP-FB4, SP-FB5, SP-FB6 or SP-FB7	-90.0

TABLE 2d: STEEL DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF)
SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED TEMP ROOF, BONDED TOP INSULATION, BONDED BASE PLY(S), BONDED ROOF COVER

System No.	Deck (Note 1)	Thermal Barrier			Primer	Temp Roof	Insulation Layer(s)		Roof Cover (Note 15)			MDP (psf)
		Type	Fasten (Note 11)	Attach			Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
S-121.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span; #12 HWH Tek's 5 screws, 6" o.c.	Min. 0.5-inch DensDeck Prime or SECUROCK Cement Roof Board	FiberTite #14 with FiberTite 3-in Steel Plate	1 per 1.0 ft ²	FTR SA Primer or Soprema "ELASTOCOL Stick"	VaporTite, self-adhering	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG, 6-inch o.c.	SBS-AA, SBS-CA1, SBS-CA2 or SBS-TA	(Optional) SBS-AA, SBS-CA1, SBS-CA2 or SBS-TA	SP-FB4, SP-FB5, SP-FB6 or SP-FB7	-105.0

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 13)	Top Insulation Layer			Roof Cover (Note 15)	MDP (psf)
			Type	Fastener (Note 11)	Attach		
FIBERTITE, FIBERTITE-XT, FIBERTITE-SM OR FIBERTITE XTREME APPLIED IN FTR-190E:							
S-122.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	Min. 5/8-inch SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 4.0 ft2	SP-BB1 or SP-BB2	-45.0*
S-123.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 2.0 ft2	SP-BB1 or SP-BB2	-45.0*
S-124.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 0.4375-inch DEXcell Cement Roof Board	Note 2	1 per 2.7 ft2	SP-BB1 or SP-BB2	-45.0*
S-125.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; Traxx/5 screws 6" o.c. or structural concrete	One or more layers, any combination	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or DensDeck Prime	Note 2	1 per 1.3 ft2	SP-BB1 or SP-BB2	-67.5
S-126.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; Traxx/5 screws 6" o.c. or structural concrete	One or more layers, any combination	Min. 5/8-inch SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 1.6 ft2	SP-BB1 or SP-BB2	-82.5
S-127.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; Traxx/5 screws 6" o.c. or structural concrete	One or more layers, any combination	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, DensDeck or DensDeck Prime	Note 2	1 per 1.0 ft2	SP-BB1 or SP-BB2	-97.5
FIBERTITE, FIBERTITE-XT, FIBERTITE-SM OR FIBERTITE XTREME APPLIED IN ALPHA-TITE BONDING ADHESIVE:							
S-128.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	Min. 5/8-inch SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 4.0 ft2	SP-BB3 or SP-BB4	-45.0*
S-129.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 2.0 ft2	SP-BB3 or SP-BB4	-45.0*
S-130.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	Note 2	1 per 2.7 ft2	SP-BB3 or SP-BB4	-45.0*
S-131.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; Traxx/5 screws 6" o.c. or structural concrete	One or more layers, any combination	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 1.3 ft2	SP-BB3 or SP-BB4	-67.5
S-132.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; Traxx/5 screws 6" o.c. or structural concrete	One or more layers, any combination	Min. 5/8-inch SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 1.6 ft2	SP-BB3 or SP-BB4	-82.5

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 13)	Top Insulation Layer			Roof Cover (Note 15)	MDP (psf)
			Type	Fastener (Note 11)	Attach		
S-133.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; Traxx/5 screws 6" o.c. or structural concrete	One or more layers, any combination	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 1.0 ft2	SP-BB3 or SP-BB4	-97.5
S-134.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span, Tek/5 screws with ¾-inch washers, 6" o.c.	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H, loose-laid	Min. 0.5-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FiberTite #14 with FiberTite 3-in Steel Plate	1 per 1.0 ft2	SP-BB3 or SP-BB4	-105.0
S-135.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span, Tek/5 screws with ¾-inch washers, 6" o.c.	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H, loose-laid	Min. 0.5-inch DensDeck Prime	FiberTite #14 with FiberTite 3-in Steel Plate	1 per 1.0 ft2	SP-BB3 or SP-BB4	-157.5
FIBERTITE-FB APPLIED IN FTR-290:							
S-136.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 2.0 ft2	SP-FB1	-45.0*
S-137.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	Min. 5/8-inch SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 4.0 ft2	SP-FB1	-45.0*
S-138.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 0.4375-inch DEXcell Cement Roof Board	Note 2	1 per 2.7 ft2	SP-FB1	-45.0*
S-139.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; Traxx/5 screws 6" o.c. or structural concrete	One or more layers, any combination	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or DensDeck Prime	Note 2	1 per 1.3 ft2	SP-FB1	-67.5
S-140.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; Traxx/5 screws 6" o.c. or structural concrete	One or more layers, any combination	Min. 5/8-inch SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 1.6 ft2	SP-FB1	-82.5
FIBERTITE-FB APPLIED IN FTR-390:							
S-141.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 2.0 ft2	SP-FB2	-45.0*
S-142.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	Min. 5/8-inch SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 4.0 ft2	SP-FB2	-45.0*
S-143.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 0.4375-inch DEXcell Cement Roof Board	Note 2	1 per 2.7 ft2	SP-FB2	-45.0*
S-144.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; Traxx/5 screws 6" o.c. or structural concrete	One or more layers, any combination	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or DensDeck Prime	Note 2	1 per 1.3 ft2	SP-FB2	-67.5
S-145.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; Traxx/5 screws 6" o.c. or structural concrete	One or more layers, any combination	Min. 5/8-inch SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 1.6 ft2	SP-FB2	-82.5
FIBERTITE-FB APPLIED IN HOT ASPHALT:							
S-146.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 2.0 ft2	SP-FB4	-45.0*
S-147.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	Min. 5/8-inch SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 4.0 ft2	SP-FB4	-45.0*

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 13)	Top Insulation Layer			Roof Cover (Note 15)	MDP (psf)
			Type	Fastener (Note 11)	Attach		
S-148.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 0.4375-inch DEXcell Cement Roof Board	Note 2	1 per 2.7 ft ²	SP-FB4	-45.0*
S-149.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; Traxx/5 screws 6" o.c. or structural concrete	One or more layers, any combination	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or DensDeck Prime	Note 2	1 per 1.3 ft ²	SP-FB4	-67.5
S-150.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; Traxx/5 screws 6" o.c. or structural concrete	One or more layers, any combination	Min. 5/8-inch SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 1.6 ft ²	SP-FB4	-82.5
FIBERTITE-FB APPLIED IN POLYSET CR-20 (SPATTER) OR FTR 601-PG (SPATTER):							
S-151.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	Min. 1.5-inch FTR-VALUE A, FTR-VALUE H or FTR-Value H Glass Facer	Note 2	1 per 2.0 ft ²	SP-FB5, SP-FB6	-45.0*
S-152.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or DensDeck Prime	Note 2	1 per 2.0 ft ²	SP-FB5, SP-FB6	-45.0*
S-153.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	Min. 5/8-inch SECUROCK Gypsum-Fiber Roof Board or DensDeck Prime	Note 2	1 per 4.0 ft ²	SP-FB5, SP-FB6	-45.0*
S-154.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 0.4375-inch DEXcell Cement Roof Board	Note 2	1 per 2.7 ft ²	SP-FB5	-45.0*
S-155.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; Traxx/5 screws 6" o.c. or structural concrete	One or more layers, any combination	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or DensDeck Prime	Note 2	1 per 1.3 ft ²	SP-FB5, SP-FB6	-67.5
S-156.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; Traxx/5 screws 6" o.c. or structural concrete	One or more layers, any combination	Min. 5/8-inch SECUROCK Gypsum-Fiber Roof Board or DensDeck Prime	Note 2	1 per 1.6 ft ²	SP-FB5, SP-FB6	-82.5
S-157.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; Traxx/5 screws 6" o.c. or structural concrete	One or more layers, any combination	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or DensDeck Prime	Note 2	1 per 1.0 ft ²	SP-FB5, SP-FB6	-105.0

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

System No.	Deck (Note 1)	Base Insulation Layer (Note 13)	Top Insulation Layer			Roof Cover (Note 15)			MDP (psf)
			Type	Fastener (Note 11)	Attach	Base Ply	Ply	Cap Ply	
S-158.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 2.0 ft ²	SBS-AA, SBS-CA1, SBS-CA2 or SBS-TA	(Optional) SBS-AA, SBS-CA1, SBS-CA2 or SBS-TA	SP-FB2, SP-FB4, SP-FB5, SP-FB6 or SP-FB7	-45.0*
S-159.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	Min. 5/8-inch SECUROCK Gypsum-Fiber Roof Board or DensDeck Prime	Note 2	1 per 4.0 ft ²	SBS-AA, SBS-CA1, SBS-CA2 or SBS-TA	(Optional) SBS-AA, SBS-CA1, SBS-CA2 or SBS-TA	SP-FB4, SP-FB5, SP-FB6 or SP-FB7	-45.0*
S-160.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 0.4375-inch DEXcell Cement Roof Board	Note 2	1 per 2.7 ft ²	SBS-AA, SBS-CA1, SBS-CA2 or SBS-TA	(Optional) SBS-AA, SBS-CA1, SBS-CA2 or SBS-TA	SP-FB4, SP-FB5, SP-FB6 or SP-FB7	-45.0*
S-161.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; Traxx/5 screws 6" o.c. or structural concrete	One or more layers, any combination	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or DensDeck Prime	Note 2	1 per 1.3 ft ²	SBS-AA, SBS-CA1, SBS-CA2 or SBS-TA	(Optional) SBS-AA, SBS-CA1, SBS-CA2 or SBS-TA	SP-FB4, SP-FB5, SP-FB6 or SP-FB7	-67.5
S-162.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; Traxx/5 screws 6" o.c. or structural concrete	One or more layers, any combination	Min. 5/8-inch SECUROCK Gypsum-Fiber Roof Board or DensDeck Prime	Note 2	1 per 1.6 ft ²	SBS-AA, SBS-CA1, SBS-CA2 or SBS-TA	(Optional) SBS-AA, SBS-CA1, SBS-CA2 or SBS-TA	SP-FB4, SP-FB5, SP-FB6 or SP-FB7	-82.5
S-163.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span, Tek/5 screws with 3/4-inch washers, 6" o.c.	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H, loose-laid	Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FiberTite Magnum Fastener with FiberTite 3-in Steel Plate	1 per 1.0 ft ²	SBS-AA, SBS-CA1, SBS-CA2 or SBS-TA	(Optional) SBS-AA, SBS-CA1, SBS-CA2 or SBS-TA	SP-FB4, SP-FB5, SP-FB6 or SP-FB7	-105.0

TABLE 2G: STEEL DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE C-2: MECHANICALLY ATTACHED INSULATION, INDUCTION WELDED ROOF COVER

System No.	Deck (Note 1)	Insulation Layer (Note 13)	Attach		Roof Cover (Note 15B)	MDP (psf)
			Fastener (Note 11)	Density		
ISOWELD® SYSTEMS:						
S-164.	Min. 22 ga., type B, Grade 33 steel	One or more layers, any combination, min. 1.5-inch	FiberTite Magnum Fastener with FTR-IW isoweld	1 per 5.3 ft² (Six parts per 4x8 ft board)	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with isoweld Induction Bonding Tool	-45.0*
S-165.	Min. 22 ga., type B, Grade 33 steel, 6 ft span, Tek 5 screws, 6" o.c.	One or more layers, any combination, min. 1.5-inch	FiberTite Magnum Fastener with FTR-IW isoweld	1 per 4.0 ft² (Eight parts per 4x8 ft board) 2 x 2 ft grid	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with isoweld Induction Bonding Tool	-45.0
S-166.	Min. 22 ga., type B, Grade 33 steel; 6 ft span; SFS SD5-#12-HW5/16 with ¾" steel washers, 6" o.c.	One or more layers, any combination, min. 1.5-inch thick x min. 4 x 8 ft	FiberTite Magnum Fastener with FTR-IW isoweld	2 x 2 ft grid pattern with first row of fasteners spaced 1 ft from corner edges	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with isoweld Induction Bonding Tool	-45.0

TABLE 2G: STEEL DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE C-2: MECHANICALLY ATTACHED INSULATION, INDUCTION WELDED ROOF COVER

System No.	Deck (Note 1)	Insulation Layer (Note 13)	Attach		Roof Cover (Note 15B)	MDP (psf)
			Fastener (Note 11)	Density		
S-167.	Min. 22 ga., type B, Grade 40 steel; 6 ft span; 5/8" puddle welds 6" o.c.	One or more layers, any combination, min. 1.5-inch	FiberTite Magnum Fastener with FTR-IW isoweld	12-inch o.c. in rows 60-inch o.c.	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with isoweld Induction Bonding Tool	-45.0
S-168.	Min. 22 ga., type B, Grade 80 steel; 6 ft span; Teks/5 screws 6" o.c.	One or more layers, any combination, min. 1.5-inch	FiberTite #12 with FTR-IW isoweld	12-inch o.c. in rows 60-inch o.c.	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with isoweld Induction Bonding Tool	-45.0
S-169.	Min. 22 ga., type B, Grade 40 steel; 6 ft span; 5/8" puddle welds 6" o.c.	One or more layers, any combination, min. 1.5-inch	FiberTite Magnum Fastener with FTR-IW isoweld	1 per 6 ft ² 2x3-ft grid, staggered	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with isoweld Induction Bonding Tool	-52.5
S-170.	Min. 22 ga., type B, Grade 80 steel; 6 ft span; Teks/5 screws 6" o.c.	One or more layers, any combination, min. 1.5-inch	FiberTite #12 with FTR-IW isoweld	1 per 4.0 ft ² 2x2-ft grid, staggered	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with isoweld Induction Bonding Tool	-52.5
S-171.	Min. 22 ga., type B, Grade 80 steel; 6 ft span; Teks/5 screws 6" o.c.	One or more layers, any combination, min. 1.5-inch thick, min. 16-psi compressive strength, loose laid or preliminarily attached	FiberTite Magnum Fastener with FTR-IW isoweld	12-inch o.c. in rows 60-inch o.c.	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with isoweld Induction Bonding Tool	-52.5
S-172.	Min. 22 ga., type B, Grade 33 steel; 6 ft span; SFS SD5-#12-HW5/16 with 3/4" steel washers, 6" o.c.	One or more layers, any combination, min. 1.5-inch thick x min. 4 x 8 ft, preliminarily attached	FiberTite Magnum Fastener with FTR-IW isoweld	6-inch o.c. in rows 60-inch o.c.	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with isoweld Induction Bonding Tool	-60.0
S-173.	Min. 22 ga., type B, Grade 33 steel; 6 ft span; SFS SD5-#12-HW5/16 with 3/4" steel washers, 6" o.c.	One or more layers, any combination, min. 1.5-inch thick x min. 4 x 8 ft	FiberTite Magnum Fastener with FTR-IW isoweld	1.5 x 2 ft grid pattern with first row of fasteners spaced 0.5 ft from the long edge and 1 ft from the short edge	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with isoweld Induction Bonding Tool	-67.5
S-174.	Min. 22 ga., type B, Grade 33 steel; 6 ft span; SFS SD5-#12-HW5/16 with 3/4" steel washers, 6" o.c.	One or more layers, any combination, min. 1.5-inch	FiberTite Magnum Fastener with FTR-IW isoweld	1 per 3.2 ft ² (Ten parts per 4x8 ft board) Per FM Data Sheet 1-29	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with isoweld Induction Bonding Tool	-75.0
S-175.	Min. 22 ga., type B, Grade 33 steel; 6 ft span; SFS SD5-#12-HW5/16 with 3/4" steel washers, 6" o.c.	One or more layers, any combination, min. 1.5-inch thick x min. 4 x 8 ft	FiberTite Magnum Fastener with FTR-IW isoweld	1.5 x 1.5 ft grid pattern with first row of fasteners spaced 0.5 ft from the long edge and 1 ft from the short edge	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with isoweld Induction Bonding Tool	-82.5
S-176.	Min. 22 ga., type B, Grade 40 steel; 6 ft span; 5/8" puddle welds 6" o.c.	One or more layers, any combination, min. 1.5-inch	FiberTite Magnum Fastener with FTR-IW isoweld	1 per 3 ft ² 1.5 x 2-ft grid, staggered	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with isoweld Induction Bonding Tool	-82.5
S-177.	Min. 22 ga., type B, Grade 80 steel; 6 ft span; Teks/5 screws 6" o.c.	One or more layers, any combination, min. 1.5-inch	FiberTite #12 with FTR-IW isoweld	1 per 3 ft ² 1.5 x 2-ft grid, staggered	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with isoweld Induction Bonding Tool	-82.5

TABLE 2G: STEEL DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE C-2: MECHANICALLY ATTACHED INSULATION, INDUCTION WELDED ROOF COVER

System No.	Deck (Note 1)	Insulation Layer (Note 13)	Attach		Roof Cover (Note 15B)	MDP (psf)
			Fastener (Note 11)	Density		
S-178.	Min. 22 ga., type B, Grade 40 steel; 6 ft span; Teks/5 screws 6" o.c.	One or more layers, any combination, min. 1.5-inch	FiberTite Magnum Fastener with FTR-IW isoweld	6-inch o.c. in rows 60-inch o.c.	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with isoweld Induction Bonding Tool	-90.0
S-179.	Min. 22 ga., type B, Grade 80 steel; 6 ft span; Teks/5 screws 6" o.c.	One or more layers, any combination, min. 1.5-inch	FiberTite #12 with FTR-IW isoweld	6-inch o.c. in rows 60-inch o.c.	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with isoweld Induction Bonding Tool	-90.0
RHINO BOND FASTENING SYSTEM:						
S-180.	Min. 22 ga., type B, Grade 33 steel	One or more layers, any combination, min. 1.5-inch (min. 2-inch for TreadSafe)	FTR Magnum O Fastener with RhinoBond Insulation Plate (PVC) or RhinoBond TreadSafe Plate (PVC)	Fastener spaced max. 24-inch o.c. in staggered rows spaced max. 36-inch o.c.	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with RhinoBond Portable Plate Bonding Tool	-45.0*
S-181.	Min. 22 ga., type B, Grade 33 steel	One or more layers, any combination, min. 1.5-inch (min. 2-inch for TreadSafe)	FTR Magnum O Fastener with RhinoBond Insulation Plate (PVC) or RhinoBond TreadSafe Plate (PVC)	1 per 4.0 ft ² 2 x 2 ft grid, staggered	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with RhinoBond Portable Plate Bonding Tool	-45.0
S-182.	Min. 22 ga., type B, Grade 33 steel; 6 ft span; Traxx/5 screws 6" o.c.	One or more layers, any combination, min. 1.5-inch (min. 2-inch for TreadSafe)	FTR Magnum O Fastener with RhinoBond Insulation Plate (PVC) or RhinoBond TreadSafe Plate (PVC)	Fastener spaced max. 12-inch o.c. in rows spaced max. 60-inch o.c.	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with RhinoBond Portable Plate Bonding Tool	-52.5
S-183.	Min. 22 ga., type B, Grade 33 steel; 6 ft span; Traxx/5 screws 6" o.c.	One or more layers, any combination, min. 1.5-inch (min. 2-inch for TreadSafe)	FTR Magnum O Fastener with RhinoBond Insulation Plate (PVC) or RhinoBond TreadSafe Plate (PVC)	Fastener spaced max. 6-inch o.c. in rows spaced max. 60-inch o.c.	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with RhinoBond Portable Plate Bonding Tool	-60.0
S-184.	Min. 22 ga., type B, Grade 80 steel; 6 ft span; Traxx/5 screws 6" o.c.	One or more layers, any combination, min. 1.5-inch (min. 2-inch for TreadSafe)	FTR Magnum O Fastener with RhinoBond Insulation Plate (PVC) or RhinoBond TreadSafe Plate (PVC)	Fastener spaced max. 24-inch o.c. in staggered rows spaced max. 24-inch o.c.	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with RhinoBond Portable Plate Bonding Tool	-67.5
S-185.	Min. 20 ga., type B, Grade 33 steel; 6 ft span; Traxx/5 screws 6" o.c.	One or more layers, any combination, min. 1.5-inch (min. 2-inch for TreadSafe)	FTR Magnum O Fastener with RhinoBond Insulation Plate (PVC) or RhinoBond TreadSafe Plate (PVC)	Fastener spaced max. 6-inch o.c. in rows spaced max. 60-inch o.c.	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with RhinoBond Portable Plate Bonding Tool	-75.0
S-186.	Min. 22 ga., type B, Grade 33 steel; 4 ft span; Traxx/5 screws 6" o.c.	One or more layers, any combination, min. 1.5-inch (min. 2-inch for TreadSafe)	FTR Magnum O Fastener with RhinoBond Insulation Plate (PVC) or RhinoBond TreadSafe Plate (PVC)	Fastener spaced max. 6-inch o.c. in rows spaced max. 60-inch o.c.	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with RhinoBond Portable Plate Bonding Tool	-82.5
S-187.	Min. 20 ga., type B, Grade 33 steel; 5 ft span; Traxx/5 screws 6" o.c.	One or more layers, any combination, min. 1.5-inch (min. 2-inch for TreadSafe)	FTR Magnum O Fastener with RhinoBond Insulation Plate (PVC) or RhinoBond TreadSafe Plate (PVC)	Fastener spaced max. 6-inch o.c. in rows spaced max. 60-inch o.c.	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with RhinoBond Portable Plate Bonding Tool	-90.0

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

System No.	Deck (Note 1)	Insulation (Note 13)		Roof Cover (Note 15A)			MDP (psf)
		Type	Attach (Note 5)	Membrane	Fastener (Note 11)	Attachment	
OPEN STYLE, GRADE 33 STEEL:							
S-188.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; Traxx/5 screws, 6" o.c.	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Open: 18 x 51-inch	-45.0
S-189.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; Traxx/5 screws, 6" o.c.	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FTR Magnum2S Plate	Open: 6 x 95-inch	-45.0
S-190.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; Traxx/5 screws, 6" o.c.	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Open: 12 x 69-inch	-45.0
S-191.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; 12-24 x 1¼ HWH Impax 45 screws, 6" o.c.	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Open: 12 x 51-inch	-52.5
S-192.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; 12-24 x 1¼ HWH Impax 45 screws 6" o.c.	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Open: 6 x 51-inch	-60.0
S-193.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span, 5/8" puddle welds, 6" o.c.	Min. 0.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Open: 6 x 69-inch	-52.5
S-194.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; Traxx/5 screws, 6" o.c.	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Open: 6 x 69-inch	-60.0
S-195.	Min. 20 ga., Type B, Grade 33 steel; 6 ft span; 12-24 x 1¼ HWH Impax 45 screws, 6" o.c.	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Open: 6 x 51-inch	-67.5
S-196.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; Traxx/5 screws 6" o.c.	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FTR-MagnumT Fastener with FTR Magnum-R275	Open: 6 x 94-inch	-67.5
OPEN STYLE, GRADE 40 STEEL:							
S-197.	Min. 22 ga., Type B, Grade 40 steel; 7 ft span; 5/8" puddle welds 6" o.c.	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum-Plus Stress Plate	Open: 6 x 69-inch	-45.0
OPEN STYLE, GRADE 80 STEEL:							
S-198.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span; Traxx/5 screws 6" o.c.	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Open: 18 x 51-inch	-45.0
S-199.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span; 12-24 x 1¼ HWH Impax screws 6" o.c.	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Open: 12 x 72-inch	-45.0
S-200.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span; Traxx/5 screws 6" o.c.	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FTR Magnum2S Plate	Open: 6 x 144-inch	-45.0
S-201.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span; Traxx/5 screws 6" o.c.	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FTR-MagnumT Fastener with FTR Magnum-R275	Open: 12 x 94-inch	-45.0

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

System No.	Deck (Note 1)	Insulation (Note 13)		Roof Cover (Note 15A)			MDP (psf)
		Type	Attach (Note 5)	Membrane	Fastener (Note 11)	Attachment	
S-202.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span; 12-24 x 1¼ HWH Impax 45 screws 6" o.c.	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FTR FiberTite Magnum-Plus Stress Plate	Open: 12 x 95-inch	-45.0
S-203.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span; 12-24 x 1¼ HWH Impax 45 screws 6" o.c.	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FTR FiberTite Magnum-Plus Stress Plate	Open: 6 x 95-inch	-52.5
S-204.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span; Traxx/5 screws 6" o.c.	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Open: 12 x 51-inch	-60.0
S-205.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span; Traxx/5 screws 6" o.c.	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FTR Magnum2S Plate	Open: 6 x 72-inch	-67.5
S-206.	Min. 22 ga., Type BV, Grade 80 steel; 5 ft span; 5/8" puddle welds 6" o.c.	Min. 2-inch thick, min. 200 psi Elastizell Lightweight Insulating Concrete (Note 14)	N/A	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate through to engage steel deck	Open: 12 x 51-inch	-75.0
S-207.	Min. 22 ga., Type B, Grade 80 steel; 5 ft span; Traxx/5 screws 6" o.c.	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Open: 6 x 51-inch	-75.0
S-208.	Min. 22 ga., Type B, Grade 80 steel	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Open: 12 x 24-inch	-82.5
CLOSED STYLE, GRADE 33 STEEL:							
S-209.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; Traxx/5 screws 6" o.c.	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FTR Magnum2S Plate	Closed: 6 x 95-inch	-45.0
S-210.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; Traxx/5 screws 6" o.c.	Min. 1.5-inch thick, one or more layers, any combination	Prelim. Attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate	Closed: 12 x 69-inch	-45.0
S-211.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; Traxx/5 screws 6" o.c.	Min. 1.5-inch thick, one or more layers, any combination	Prelim. Attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate	Closed: 6 x 69-inch	-60.0
S-212.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; Traxx/5 screws 6" o.c.	Min. 1.5-inch thick, one or more layers, any combination	Prelim. Attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Closed: 6 x 104.5-inch	-60.0
CLOSED STYLE, GRADE 50 STEEL:							
S-213.	Min. 18 ga., Type B, Grade 50 steel; 6 ft span; Tek/5 screws with ¾" washers, 6" o.c.	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite XT	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate	Closed: 6 x 48.5-inch	-157.5
CLOSED STYLE, GRADE 80 STEEL:							
S-214.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span; Traxx/5 screws 6" o.c.	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Closed: 12 x 104.5-inch	-45.0
S-215.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span; Traxx/5 screws 6" o.c.	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FTR Magnum2S Plate	Closed: 6 x 144-inch	-52.5

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

System No.	Deck (Note 1)	Insulation (Note 13)		Roof Cover (Note 15A)			MDP (psf)
		Type	Attach (Note 5)	Membrane	Fastener (Note 11)	Attachment	
S-216.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span; Traxx/5 screws 6" o.c.	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Closed: 6 x 104.5-inch	-75.0
S-217.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span; Traxx/5 screws 6" o.c.	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Closed: 6 x 94-inch	-82.5
S-218.	Min. 22 ga., Type B, Grade 80 steel; 5 ft span; Traxx/5 screws 6" o.c.	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Closed: 6 x 104.5-inch	-90.0
S-219.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span; Traxx/5 screws 6" o.c.	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Closed: 6 x 47-inch	-112.5

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

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)		
FIBERTITE, FIBERTITE-XT, FIBERTITE-SM OR FIBERTITE-XTREME APPLIED IN FTR-190E:							
C-1.	Min. 2,500 psi structural concrete	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	hot asphalt	(Optional) Additional layer(s) of base insulation	hot asphalt	SP-BB1 or SP-BB2	-410.0
C-2.	Min. 2,500 psi structural concrete	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	hot asphalt	Min. 0.25-inch DensDeck or DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	hot asphalt	SP-BB1 or SP-BB2	-290.0
C-3.	Min. 2,500 psi structural concrete	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	hot asphalt	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 0.4375-inch DEXcell Cement Roof Board	hot asphalt	SP-BB1 or SP-BB2	-375.0
C-4.	Min. 2,500 psi structural concrete	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	FTR 601 or FTR-601 PG	(Optional) Additional layer(s) of base insulation	FTR 601 or FTR-601 PG	SP-BB1 or SP-BB2	-232.5
C-5.	Min. 2,500 psi structural concrete	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	FTR 601 or FTR-601 PG	Min. 0.25-inch DensDeck or DensDeck Prime	FTR 601 or FTR-601 PG	SP-BB1 or SP-BB2	-232.5
C-6.	Min. 2,500 psi structural concrete	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	FTR 601 or FTR-601 PG	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG	SP-BB1 or SP-BB2	-247.5
C-7.	Min. 2,500 psi structural concrete	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	FTR 601 or FTR-601 PG	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 0.4375-inch DEXcell Cement Roof Board	FTR 601 or FTR-601 PG	SP-BB1 or SP-BB2	-135.0
C-8.	Min. 2,500 psi structural concrete	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	OB-500	(Optional) Additional layer(s) of base insulation	OB-500	SP-BB1 or SP-BB2	-150.0
C-9.	Min. 2,500 psi structural concrete	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	OB-500	Min. 0.25-inch DensDeck or DensDeck Prime	OB-500	SP-BB1 or SP-BB2	-150.0
C-10.	Min. 2,500 psi structural concrete	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	OB-500	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	OB-500	SP-BB1 or SP-BB2	-247.5
C-11.	Min. 2,500 psi structural concrete	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	Polyset Board-Max or Polyset CR-20	(Optional) Additional layer(s) of base insulation	Polyset Board-Max or Polyset CR-20	SP-BB1 or SP-BB2	-410.0
C-12.	Min. 2,500 psi structural concrete	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	Polyset Board-Max or Polyset CR-20	Min. 0.25-inch DensDeck	Polyset Board-Max or Polyset CR-20	SP-BB1 or SP-BB2	-240.0
C-13.	Min. 2,500 psi structural concrete	(Optional) Min. 1-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	Polyset Board-Max or Polyset CR-20	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Polyset Board-Max or Polyset CR-20	SP-BB1 or SP-BB2	-290.0
C-14.	Min. 2,500 psi structural concrete	(Optional) Min. 1-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	Polyset Board-Max or Polyset CR-20	Min. 0.4375-inch DEXcell Cement Roof Board	Polyset Board-Max or Polyset CR-20	SP-BB1 or SP-BB2	-375.0
FIBERTITE, FIBERTITE-XT, FIBERTITE-SM OR FIBERTITE XTREME APPLIED IN ALPHA-TITE BONDING ADHESIVE:							
C-15.	Min. 2,500 psi structural concrete	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	hot asphalt	(Optional) Additional layer(s) of base insulation	hot asphalt	SP-BB3 or SP-BB4	-410.0
C-16.	Min. 2,500 psi structural concrete	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	hot asphalt	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	hot asphalt	SP-BB3 or SP-BB4	-290.0

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

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)		
C-17.	Min. 2,500 psi structural concrete	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	hot asphalt	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	hot asphalt	SP-BB3 or SP-BB4	-375.0
C-18.	Min. 2,500 psi structural concrete	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	FTR 601 or FTR-601 PG	(Optional) Additional layer(s) of base insulation	FTR 601 or FTR-601 PG	SP-BB3 or SP-BB4	-232.5
C-19.	Min. 2,500 psi structural concrete	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	FTR 601 or FTR-601 PG	Min. 0.25-inch DensDeck Prime	FTR 601 or FTR-601 PG	SP-BB3 or SP-BB4	-232.5
C-20.	Min. 2,500 psi structural concrete	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	FTR 601 or FTR-601 PG	Min. 0.25-inch SECURock Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG	SP-BB3 or SP-BB4	-247.5
C-21.	Min. 2,500 psi structural concrete	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	FTR 601 or FTR-601 PG	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	FTR 601 or FTR-601 PG	SP-BB3 or SP-BB4	-135.0
C-22.	Min. 2,500 psi structural concrete	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	FTR 601 or FTR-601 PG, 6-inch o.c.	(Optional) Additional layer(s) of base insulation and/or min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECURock Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG, 6-inch o.c.	SP-BB3 or SP-BB4	-417.5
C-23.	Min. 2,500 psi structural concrete	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	OB-500	(Optional) Additional layer(s) of base insulation	OB-500	SP-BB3 or SP-BB4	-150.0
C-24.	Min. 2,500 psi structural concrete	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	OB-500	Min. 0.25-inch DensDeck Prime	OB-500	SP-BB3 or SP-BB4	-150.0
C-25.	Min. 2,500 psi structural concrete	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	OB-500	Min. 0.25-inch SECURock Gypsum-Fiber Roof Board	OB-500	SP-BB3 or SP-BB4	-247.5
C-26.	Min. 2,500 psi structural concrete	Min. 1-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	Polyset Board-Max or Polyset CR-20	(Optional) Additional layer(s) of base insulation	Polyset Board-Max or Polyset CR-20	SP-BB3 or SP-BB4	-410.0
C-27.	Min. 2,500 psi structural concrete	(Optional) Min. 1-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	Polyset Board-Max or Polyset CR-20	Min. 0.25-inch DensDeck Prime or SECURock Gypsum-Fiber Roof Board	Polyset Board-Max or Polyset CR-20	SP-BB3 or SP-BB4	-290.0
FIBERTITE-FB APPLIED IN FTR-290:							
C-28.	Min. 2,500 psi structural concrete	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	hot asphalt	(Optional) Additional layer(s) of base insulation	hot asphalt	SP-FB1	-410.0
C-29.	Min. 2,500 psi structural concrete	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	hot asphalt	Min. 0.25-inch DensDeck, DensDeck Prime or SECURock Gypsum-Fiber Roof Board	hot asphalt	SP-FB1	-290.0
C-30.	Min. 2,500 psi structural concrete	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	hot asphalt	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 0.4375-inch DEXcell Cement Roof Board	hot asphalt	SP-FB1	-375.0
C-31.	Min. 2,500 psi structural concrete	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	FTR 601 or FTR-601 PG	(Optional) Additional layer(s) of base insulation	FTR 601 or FTR-601 PG	SP-FB1	-232.5
C-32.	Min. 2,500 psi structural concrete	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	FTR 601 or FTR-601 PG	Min. 0.25-inch DensDeck or DensDeck Prime	FTR 601 or FTR-601 PG	SP-FB1	-232.5

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

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)		
C-33.	Min. 2,500 psi structural concrete	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	FTR 601 or FTR-601 PG	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG	SP-FB1	-247.5
C-34.	Min. 2,500 psi structural concrete	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	FTR 601 or FTR-601 PG	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 0.4375-inch DEXcell Cement Roof Board	FTR 601 or FTR-601 PG	SP-FB1	-135.0
C-35.	Min. 2,500 psi structural concrete	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	OB-500	(Optional) Additional layer(s) of base insulation	OB-500	SP-FB1	-150.0
C-36.	Min. 2,500 psi structural concrete	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	OB-500	Min. 0.25-inch DensDeck or DensDeck Prime	OB-500	SP-FB1	-150.0
C-37.	Min. 2,500 psi structural concrete	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	OB-500	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	OB-500	SP-FB1	-247.5
C-38.	Min. 2,500 psi structural concrete	Min. 1-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	Polyset Board-Max or Polyset CR-20	(Optional) Additional layer(s) of base insulation	Polyset Board-Max or Polyset CR-20	SP-FB1	-410.0
C-39.	Min. 2,500 psi structural concrete	(Optional) Min. 1-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	Polyset Board-Max or Polyset CR-20	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Polyset Board-Max or Polyset CR-20	SP-FB1	-290.0
C-40.	Min. 2,500 psi structural concrete	(Optional) Min. 1-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	Polyset Board-Max or Polyset CR-20	Min. 0.4375-inch DEXcell Cement Roof Board	Polyset Board-Max or Polyset CR-20	SP-FB1	-375.0
FIBERTITE-FB APPLIED IN FTR-390 OR FTR-490:							
C-41.	Min. 2,500 psi structural concrete	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	hot asphalt	(Optional) Additional layer(s) of base insulation	hot asphalt	SP-FB2 or SP-FB3	-410.0
C-42.	Min. 2,500 psi structural concrete	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	hot asphalt	Min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	hot asphalt	SP-FB2 or SP-FB3	-290.0
C-43.	Min. 2,500 psi structural concrete	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	hot asphalt	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 0.4375-inch DEXcell Cement Roof Board	hot asphalt	SP-FB2 or SP-FB3	-375.0
C-44.	Min. 2,500 psi structural concrete	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	FTR 601 or FTR-601 PG	(Optional) Additional layer(s) of base insulation	FTR 601 or FTR-601 PG	SP-FB2 or SP-FB3	-232.5
C-45.	Min. 2,500 psi structural concrete	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	FTR 601 or FTR-601 PG	Min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG	SP-FB2 or SP-FB3	-232.5
C-46.	Min. 2,500 psi structural concrete	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	FTR 601 or FTR-601 PG	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 0.4375-inch DEXcell Cement Roof Board	FTR 601 or FTR-601 PG	SP-FB2 or SP-FB3	-135.0
C-47.	Min. 2,500 psi structural concrete	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	OB-500	(Optional) Additional layer(s) of base insulation	OB-500	SP-FB2 or SP-FB3	-150.0
C-48.	Min. 2,500 psi structural concrete	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	OB-500	Min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	OB-500	SP-FB2 or SP-FB3	-150.0
C-49.	Min. 2,500 psi structural concrete	Min. 1-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	Polyset Board-Max or Polyset CR-20	(Optional) Additional layer(s) of base insulation	Polyset Board-Max or Polyset CR-20	SP-FB2 or SP-FB3	-410.0

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

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)		
C-50.	Min. 2,500 psi structural concrete	(Optional) Min. 1-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	Polyset Board-Max or Polyset CR-20	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Polyset Board-Max or Polyset CR-20	SP-FB2 or SP-FB3	-290.0
C-51.	Min. 2,500 psi structural concrete	(Optional) Min. 1-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	Polyset Board-Max or Polyset CR-20	Min. 0.4375-inch DEXcell Cement Roof Board	Polyset Board-Max or Polyset CR-20	SP-FB2 or SP-FB3	-375.0
FIBERTITE-FB APPLIED IN HOT ASPHALT:							
C-52.	Min. 2,500 psi structural concrete	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	hot asphalt	Min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	hot asphalt	SP-FB4	-290.0
C-53.	Min. 2,500 psi structural concrete	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	hot asphalt	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 0.4375-inch DEXcell Cement Roof Board	hot asphalt	SP-FB4	-375.0
C-54.	Min. 2,500 psi structural concrete	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	FTR 601 or FTR-601 PG	Min. 0.25-inch DensDeck or DensDeck Prime	FTR 601 or FTR-601 PG	SP-FB4	-232.5
C-55.	Min. 2,500 psi structural concrete	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	FTR 601 or FTR-601 PG	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG	SP-FB4	-247.5
C-56.	Min. 2,500 psi structural concrete	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	FTR 601 or FTR-601 PG	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 0.4375-inch DEXcell Cement Roof Board	FTR 601 or FTR-601 PG	SP-FB4	-135.0
C-57.	Min. 2,500 psi structural concrete	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	OB-500	Min. 0.25-inch DensDeck or DensDeck Prime	OB-500	SP-FB4	-150.0
C-58.	Min. 2,500 psi structural concrete	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	OB-500	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	OB-500	SP-FB4	-247.5
C-59.	Min. 2,500 psi structural concrete	(Optional) Min. 1-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	Polyset Board-Max or Polyset CR-20	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Polyset Board-Max or Polyset CR-20	SP-FB4	-290.0
C-60.	Min. 2,500 psi structural concrete	(Optional) Min. 1-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	Polyset Board-Max or Polyset CR-20	Min. 0.4375-inch DEXcell Cement Roof Board	Polyset Board-Max or Polyset CR-20	SP-FB4	-375.0
FIBERTITE-FB APPLIED IN POLYSET CR-20 (SPATTER) OR FTR 601-PG (SPATTER):							
C-61.	Min. 2,500 psi structural concrete	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	hot asphalt	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	hot asphalt	SP-FB5 or SP-FB6	-210.0
C-62.	Min. 2,500 psi structural concrete	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	hot asphalt	Min. 0.4375-inch DEXcell Cement Roof Board	hot asphalt	SP-FB5	-375.0
C-63.	Min. 2,500 psi structural concrete	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	FTR 601 or FTR-601 PG	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG	SP-FB5 or SP-FB6	-210.0
C-64.	Min. 2,500 psi structural concrete	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	FTR 601 or FTR-601 PG	Min. 0.4375-inch DEXcell Cement Roof Board	FTR 601 or FTR-601 PG	SP-FB5	-135.0
C-65.	Min. 2,500 psi structural concrete	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	OB-500	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	OB-500	SP-FB5 or SP-FB6	-105.0

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

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)		
C-66.	Min. 2,500 psi structural concrete	(Optional) Min. 1-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	Polyset Board-Max or Polyset CR-20	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Polyset Board-Max or Polyset CR-20	SP-FB5, SP-FB6	-210.0
C-67.	Min. 2,500 psi structural concrete	(Optional) Min. 1-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	Polyset Board-Max or Polyset CR-20	Min. 0.4375-inch DEXcell Cement Roof Board	Polyset Board-Max or Polyset CR-20	SP-FB5, SP-FB6	-375.0

TABLE 3B: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION, BONDED BASE PLY(S), 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	
FIBERTITE-FB APPLIED IN FTR-390:									
C-68.	Min. 2,500 psi structural concrete primed with ASTM D41	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	hot asphalt	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	hot asphalt	SBS-AA or SBS-TA	(Optional) SBS-AA or SBS-TA	SP-FB2	-232.5
C-69.	Min. 2,500 psi structural concrete	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	FTR 601 or FTR-601 PG	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG	SBS-AA or SBS-TA	(Optional) SBS-AA or SBS-TA	SP-FB2	-232.5
C-70.	Min. 2,500 psi structural concrete	Min. 1.5-inch FTR-VALUE A or FTR-VALUE H	FTR 601 or FTR-601 PG	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG	SBS-CA1	None	SP-FB2	-67.5
C-71.	Min. 2,500 psi structural concrete	(Optional) Min. 1-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	Polyset Board-Max or Polyset CR-20	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Polyset Board-Max or Polyset CR-20	SBS-AA or SBS-TA	(Optional) SBS-AA or SBS-TA	SP-FB2	-232.5
C-72.	Min. 2,500 psi structural concrete	(Optional) Min. 1-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	Polyset Board-Max or Polyset CR-20	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	Polyset Board-Max or Polyset CR-20	SBS-CA1	None	SP-FB2	-67.5
FIBERTITE-FB APPLIED IN HOT ASPHALT:									
C-73.	Min. 2,500 psi structural concrete primed with ASTM D41	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	hot asphalt	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	hot asphalt	SBS-AA or SBS-TA	(Optional) SBS-AA or SBS-TA	SP-FB4	-232.5
C-74.	Min. 2,500 psi structural concrete	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	FTR 601 or FTR-601 PG	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG	SBS-AA or SBS-TA	(Optional) SBS-AA or SBS-TA	SP-FB4	-232.5
C-75.	Min. 2,500 psi structural concrete	(Optional) Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	FTR 601 or FTR-601 PG	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	FTR 601 or FTR-601 PG	SBS-CA1 or SBS-CA2	(Optional) SBS-CA1 or SBS-CA2	SP-FB4	-105.0

TABLE 3B: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION, BONDED BASE PLY(S), 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	
C-76.	Min. 2,500 psi structural concrete	(Optional) Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	FTR 601 or FTR-601 PG	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG	SBS-CA1 or SBS-CA2	(Optional) SBS-CA1 or SBS-CA2	SP-FB4	-167.5
C-77.	Min. 2,500 psi structural concrete	(Optional) Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	FTR 601 or FTR-601 PG	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	FTR 601 or FTR-601 PG, 6-inch o.c.	SBS-CA1 or SBS-CA2	(Optional) SBS-CA1 or SBS-CA2	SP-FB4	-167.5
C-78.	Min. 2,500 psi structural concrete	(Optional) Min. 1-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	Polyset Board-Max or Polyset CR-20	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Polyset Board-Max or Polyset CR-20	SBS-AA or SBS-TA	(Optional) SBS-AA or SBS-TA	SP-FB4	-232.5
C-79.	Min. 2,500 psi structural concrete	(Optional) Min. 1-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	Polyset Board-Max or Polyset CR-20	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Polyset Board-Max or Polyset CR-20	SBS-CA1 or SBS-CA2	(Optional) SBS-CA1 or SBS-CA2	SP-FB4	-167.5
FIBERTITE-FB APPLIED IN POLYSET CR-20, FTR 601-PG OR COLPLY EF ADHESIVE:									
C-80.	Min. 2,500 psi structural concrete	(Optional) Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	FTR 601 or FTR-601 PG	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG	SBS-AA, SBS-CA1, SBS-CA2 or SBS-TA	(Optional) SBS-AA, SBS-CA1, SBS-CA2 or SBS-TA	SP-FB5, SP-FB6 or SP-FB7	-167.5
C-81.	Min. 2,500 psi structural concrete	(Optional) Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	FTR 601 or FTR-601 PG	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	FTR 601 or FTR-601 PG	SBS-AA, SBS-CA1, SBS-CA2 or SBS-TA	(Optional) SBS-AA, SBS-CA1, SBS-CA2 or SBS-TA	SP-FB5, SP-FB6 or SP-FB7	-105.0
C-82.	Min. 2,500 psi structural concrete	(Optional) Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	FTR 601 or FTR-601 PG	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	FTR 601 or FTR-601 PG, 6-inch o.c.	SBS-AA, SBS-CA1, SBS-CA2 or SBS-TA	(Optional) SBS-AA, SBS-CA1, SBS-CA2 or SBS-TA	SP-FB5, SP-FB6 or SP-FB7	-167.5
C-83.	Min. 2,500 psi structural concrete	(Optional) Min. 1-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	Polyset Board-Max or Polyset CR-20	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Polyset Board-Max or Polyset CR-20	SBS-AA, SBS-CA1, SBS-CA2 or SBS-TA	(Optional) SBS-AA, SBS-CA1, SBS-CA2 or SBS-TA	SP-FB5, SP-FB6 or SP-FB7	-167.5

TABLE 3c: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE C-2: MECHANICALLY ATTACHED INSULATION, INDUCTION WELDED ROOF COVER

System No.	Deck (Note 1)	Insulation Layer (Note 13)	Attach		Roof Cover (Note 15B)	MDP (psf)
			Fastener (Note 11)	Density		
ISOWELD® SYSTEMS:						
C-84.	Min. 2,500 psi structural concrete	One or more layers, any combination, min. 1.5-inch	FiberTite Magnum Fastener with FTR-IW isoweld	1 per 5.3 ft² (Six parts per 4x8 ft board)	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with isoweld Induction Bonding Tool	-45.0*
C-85.	Min. 2,500 psi structural concrete	One or more layers, any combination, min. 1.5-inch	FiberTite Magnum Fastener with FTR-IW isoweld	1 per 4.0 ft² (Eight parts per 4x8 ft board) 2 x 2 ft grid	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with isoweld Induction Bonding Tool	-45.0
C-86.	Min. 2,500 psi structural concrete	One or more layers, any combination, min. 1.5-inch thick x min. 4 x 8 ft	FiberTite Magnum Fastener with FTR-IW isoweld	2 x 2 ft grid pattern with first row of fasteners spaced 1 ft from corner edges	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with isoweld Induction Bonding Tool	-45.0
C-87.	Min. 2,500 psi structural concrete	One or more layers, any combination, min. 1.5-inch	FiberTite #14 or FiberTite Magnum Fastener with FTR-IW isoweld	12-inch o.c. in rows 60-inch o.c.	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with isoweld Induction Bonding Tool	-45.0
C-88.	Min. 2,500 psi structural concrete	One or more layers, any combination, min. 1.5-inch	FiberTite #14 or FiberTite Magnum Fastener with FTR-IW isoweld	1 per 6 ft² 2 x 3 ft grid, staggered	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with isoweld Induction Bonding Tool	-52.5
C-89.	Min. 2,500 psi structural concrete	One or more layers, any combination, min. 1.5-inch thick x min. 4 x 8 ft	FiberTite #14 or FiberTite Magnum Fastener with FTR-IW isoweld	1.5 x 2 ft grid pattern with first row of fasteners spaced 0.5 ft from the long edge and 1 ft from the short edge	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with isoweld Induction Bonding Tool	-67.5
C-90.	Min. 2,500 psi structural concrete	One or more layers, any combination, min. 1.5-inch	FiberTite Magnum Fastener with FTR-IW isoweld	1 per 3.2 ft² (Ten parts per 4x8 ft board) Per FM Data Sheet 1-29	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with isoweld Induction Bonding Tool	-75.0
C-91.	Min. 2,500 psi structural concrete	One or more layers, any combination, min. 1.5-inch thick x min. 4 x 8 ft	FiberTite Magnum Fastener with FTR-IW isoweld	1.5 x 1.5 ft grid pattern with first row of fasteners spaced 0.5 ft from the long edge and 1 ft from the short edge	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with isoweld Induction Bonding Tool	-82.5
C-92.	Min. 2,500 psi structural concrete	One or more layers, any combination, min. 1.5-inch	FiberTite #14 or FiberTite Magnum Fastener with FTR-IW isoweld	1 per 3 ft² 1.5 x 2 ft grid, staggered	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with isoweld Induction Bonding Tool	-82.5
C-93.	Min. 2,500 psi structural concrete	One or more layers, any combination, min. 1.5-inch	FiberTite #14 or FiberTite Magnum Fastener with FTR-IW isoweld	6-inch o.c. in rows 60-inch o.c.	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with isoweld Induction Bonding Tool	-90.0
RHINO BOND FASTENING SYSTEM:						
C-94.	Min. 3,000 psi structural concrete	One or more layers, any combination, min. 1.5-inch (min. 2-inch for TreadSafe)	OMG #14 Heavy Duty with RhinoBond Insulation Plate (PVC) or RhinoBond TreadSafe Plate (PVC)	Fastener spaced max. 24-inch o.c. in staggered rows spaced max. 36-inch o.c.	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with RhinoBond Portable Plate Bonding Tool	-45.0*

TABLE 3c: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE C-2: MECHANICALLY ATTACHED INSULATION, INDUCTION WELDED ROOF COVER

System No.	Deck (Note 1)	Insulation Layer (Note 13)	Attach		Roof Cover (Note 15B)	MDP (psf)
			Fastener (Note 11)	Density		
C-95.	Min. 3,000 psi structural concrete	One or more layers, any combination, min. 1.5-inch (min. 2-inch for TreadSafe)	OMG #14 Heavy Duty with RhinoBond Insulation Plate (PVC) or RhinoBond TreadSafe Plate (PVC)	Fastener spaced max. 12-inch o.c. in rows spaced max. 60-inch o.c.	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with RhinoBond Portable Plate Bonding Tool	-52.5
C-96.	Min. 3,000 psi structural concrete	One or more layers, any combination, min. 1.5-inch (min. 2-inch for TreadSafe)	OMG #14 Heavy Duty with RhinoBond Insulation Plate (PVC) or RhinoBond TreadSafe Plate (PVC)	Fastener spaced max. 24-inch o.c. in staggered rows spaced max. 24-inch o.c.	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with RhinoBond Portable Plate Bonding Tool	-67.5
C-97.	Min. 3,000 psi structural concrete	One or more layers, any combination, min. 1.5-inch (min. 2-inch for TreadSafe)	OMG #14 Heavy Duty with RhinoBond Insulation Plate (PVC) or RhinoBond TreadSafe Plate (PVC)	Fastener spaced max. 6-inch o.c. in rows spaced max. 60-inch o.c.	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with RhinoBond Portable Plate Bonding Tool	-90.0

TABLE 3d: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE D-1: INSULATED, MECHANICALLY ATTACHED ROOF COVER

System No.	Deck (Note 1)	Insulation (Note 13)		Roof Cover (Note 15A)			MDP (psf)
		Type	Attach (Note 5)	Membrane	Fastener (Note 11)	Attachment	
OPEN STYLE:							
C-98.	Min. 2,500 psi structural concrete	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	Trufast Fluted Concrete Nail with FTR Magnum-R275	Open: 12 x 95-inch	-45.0
C-99.	Min. 2,500 psi structural concrete	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener or OMG CD-10 with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Open: 18 x 51-inch	-45.0
C-100.	Min. 2,500 psi structural concrete	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener or OMG CD-10 with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Open: 12 x 72-inch	-45.0
C-101.	Min. 2,500 psi structural concrete	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener or OMG CD-10 with FTR Magnum2S Plate	Open: 6 x 95-inch	-45.0
C-102.	Min. 2,500 psi structural concrete	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener or OMG CD-10 with FTR Magnum2S Plate	Open: 6 x 144-inch	-45.0
C-103.	Min. 2,500 psi structural concrete	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener or OMG CD-10 with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Open: 6 x 96-inch	-52.5
C-104.	Min. 2,500 psi structural concrete	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	Trufast Fluted Concrete Nail with FTR Magnum-R275	Open: 6 x 95-inch	-67.5
C-105.	Min. 2,500 psi structural concrete	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener or OMG CD-10 with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Open: 12 x 51-inch	-67.5
C-106.	Min. 2,500 psi structural concrete	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener or OMG CD-10 with FTR Magnum2S Plate	Open: 6 x 72-inch	-67.5
C-107.	Min. 2,500 psi structural concrete	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener or OMG CD-10 with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Open: 12 x 24-inch	-82.5
C-108.	Min. 2,500 psi structural concrete	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener or OMG #14 with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Open: 6 x 51-inch	-112.5
CLOSED STYLE:							

TABLE 3D: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE D-1: INSULATED, MECHANICALLY ATTACHED ROOF COVER

System No.	Deck (Note 1)	Insulation (Note 13)		Roof Cover (Note 15A)			MDP (psf)
		Type	Attach (Note 5)	Membrane	Fastener (Note 11)	Attachment	
C-109.	Min. 2,500 psi structural concrete	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener or OMG CD-10 with FTR Magnum2S Plate	Closed: 6 x 95-inch	-45.0
C-110.	Min. 2,500 psi structural concrete	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener or OMG CD-10 with FTR Magnum2S Plate	Closed: 6 x 144-inch	-52.5
C-111.	Min. 2,500 psi structural concrete	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener or OMG CD-10 with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Closed: 6 x 94-inch	-82.5
C-112.	Min. 2,500 psi structural concrete	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener or OMG CD-10 with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Closed: 6 x 104.5-inch	-90.0
C-113.	Min. 2,500 psi structural concrete	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener or OMG CD-10 with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Closed: 6 x 47-inch	-112.5

TABLE 3E: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE F: NON-INSULATED, BONDED ROOF COVER*

System No.	Deck (Note 1)	Roof Cover (Note 15)			MDP (psf)*
		Base Ply	Ply	Cap Ply	
C-114.	Min. 2,500 psi structural concrete	None	N/A	SP-FB6	-112.5
C-115.	Min. 2,500 psi structural concrete primed; ASTM D41	SBS-AA, SBS-CA1, SBS-CA2 or SBS-TA	(Optional) SBS-AA, SBS-CA1, SBS-CA2 or SBS-TA	SP-FB4, SP-FB5, SP-FB6 or SP-FB7	-167.5
C-116.	Min. 2,500 psi structural concrete	None	None	SP-FB2	-237.5
C-117.	Min. 2,500 psi structural concrete primed; ASTM D41	Soprema "Elastophene SP 2.2" or "Elastophene SP 3.0", torch-applied	None	SP-FB2	-320.0
C-118.	Min. 2,500 psi structural concrete sealed; PVA	None	N/A	SP-FB1	-377.0
C-119.	Min. 2,500 psi structural concrete	None	N/A	SP-FB3	-442.5
C-120.	Min. 2,500 psi structural concrete	None	N/A	SP-FB3 (FiberTite-XT FB only)	-495.0
C-121.	Min. 2,500 psi structural concrete	None	N/A	SP-FB5	-495.0
C-122.	Min. 2,500 psi structural concrete primed; ASTM D41	None	N/A	SP-FB4	-572.5

**TABLE 4A: LIGHTWEIGHT CONCRETE DECKS - REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

^A The reported MDP documents the allowable maximum design pressure of the new insulation and roof cover when installed atop 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 (Notes 1 & 12)	Base Insulation Layer		Top Insulation		Roof Cover (Note 15)	MDP (psf)*A
		Type	Attach (Notes 6 & 7)	Type	Attach (Notes 6 & 7)		
FIBERTITE, FIBERTITE-XT, FIBERTITE-SM OR FIBERTITE-XTREME APPLICATIONS:							
LWC-1.	Min. 240 psi, pre-existent cellular lightweight insulating concrete.	(Optional) Min. 1.5-inch FTR-VALUE A, FTR-VALUE, FTR-VALUE H, Multi-Max FA3 or Insulfoam IX	Polysset CR-20	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Polysset CR-20	SP-BB1, SP-BB2, SB-BB3 or SP-BB4	-180.0
FIBERTITE-FB APPLICATIONS:							
LWC-2.	Min. 240 psi, pre-existent cellular lightweight insulating concrete.	(Optional) Min. 1.5-inch FTR-VALUE A, FTR-VALUE, FTR-VALUE H, Multi-Max FA3 or Insulfoam IX	Polysset CR-20	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Polysset CR-20	SP-FB1, SP-FB3, SB-FB4, SP-FB5 or SP-FB6	-180.0

**TABLE 4B: LIGHTWEIGHT CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE F: NON-INSULATED, BONDED ROOF COVER***

System No.	Deck (Note 1)	Temp Roof / Vapor Barrier	Lightweight Concrete (Note 14)			Roof Cover (Note 15)	MDP (psf)*
			Deck Treatment	LWC	Surface Treatment		
CELCORE (NOA 18-0717.05):							
LWC-3.	Min. 22 ga., type BV, Grade 33 steel; 6 ft spans; 5/8" puddle welds, 6" o.c.	None	None	Min. 200 psi, min. 2-inch thick Celcore Cellular Concrete	Celcore PVA Curing Compound	SP-FB1, SP-FB2 or SP-FB3	-45.0
LWC-4.	Min. 22 ga., type BV, Grade 33 steel; 5 ft spans; 5/8" puddle welds, 6" o.c.	None	None	Min. 300 psi, min. 2-inch thick Celcore Cellular Concrete	Celcore PVA Curing Compound	SP-FB1, SP-FB2 or SP-FB3	-67.5
LWC-5.	Min. 22 ga., type B, Grade 40 steel; 6 ft spans; 5/8" puddle welds, 6" o.c.	None	Celcore S-1 Deck Preparation Slurry	Min. 390 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	SP-FB1, SP-FB2, SP-FB3 or SP-FB5	-127.5
LWC-6.	Min. 2,500 psi structural concrete	(Optional) SBA-AA or SBS-TA	None	Min. 390 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	SP-FB1, SP-FB2, SP-FB3 or SP-FB5	-172.5
LWC-7.	Min. 2,500 psi structural concrete	None	None	Min. 300 psi, min. 2-inch thick Celcore Cellular Concrete	Celcore PVA Curing Compound	SP-FB2 or SP-FB3	-272.5
LWC-8.	Min. 2,500 psi structural concrete	None	None	Min. 300 psi, min. 2-inch thick Celcore Cellular Concrete	Celcore PVA Curing Compound	SP-FB1	-302.5
CONCRECEL (NOA 18-0207.03):							
LWC-9.	Min. 2,500 psi structural concrete	None	None	Min. 300 psi, min. 2.25-inch thick Concrecel cellular LWIC	Concrecel Curing Compound	SP-FB1 or SP-FB3	-405.0
ELASTIZELL (NOA 18-0208.03):							
LWC-10.	Min. 22 ga., type B, Grade 50 steel; 6 ft spans; 5/8" puddle welds, 6" o.c.	None	None	Min. 190 psi, Min. 2-inch thick, Range II Elastizell Lightweight Concrete with Zell-Crete Fibers	None	SP-FB1, SP-FB2, SP-FB3 or SP-FB5	-45.0
LWC-11.	Min. 22 ga., type BV, Grade 33 steel; 5 ft spans	None	None	Min. 300 psi, min. 2-inch thick Elastizell Lightweight Concrete	polyvinyl alcohol (PVA)	SP-FB1, SP-FB2 or SP-FB3	-67.5

NEMO ETC, LLC

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7TH EDITION (2020) FBC HVHZ EVALUATION (Method 1D)

Seaman Corporation; (800) 927-8578

Evaluation Report 3m-SMN-21-FBCER.A-R2 for **FL4930-R20 (HVHZ)**

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**TABLE 4B: LIGHTWEIGHT CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE F: NON-INSULATED, BONDED ROOF COVER***

System No.	Deck (Note 1)	Temp Roof / Vapor Barrier	Lightweight Concrete (Note 14)			Roof Cover (Note 15)	MDP (psf)*
			Deck Treatment	LWC	Surface Treatment		
LWC-12.	Min. 22 ga., type B, Grade 40 steel; 6 ft spans; 5/8" puddle welds, 6" o.c.	None	None	Min. 390 psi, Min. 2-inch thick, Range II Elastizell Lightweight Concrete	polyvinyl alcohol (PVA)	SP-FB3	-82.5
LWC-13.	Min. 2,500 psi structural concrete	None	None	Min. 300 psi, min. 2-inch thick Elastizell Lightweight Concrete	polyvinyl alcohol (PVA)	SP-FB2	-272.5
LWC-14.	Min. 2,500 psi structural concrete	None	None	Min. 300 psi, min. 2-inch thick Elastizell Lightweight Concrete	polyvinyl alcohol (PVA)	SP-FB1 or SP-FB3	-302.5
MEARLCRETE (NOA 18-0829.06):							
LWC-15.	Min. 22 ga., type BV, Grade 33 steel; 5 ft spans; 5/8" puddle welds 6" .c.	None	None	Min. 300 psi, min. 2-inch thick Mearlcrete	polyvinyl alcohol (PVA)	SP-FB1, SP-FB2 or SP-FB3	-67.5
LWC-16.	Min. 22 ga., type B, Grade 40 steel; 6 ft spans; 5/8" puddle welds, 6" o.c.	None	None	Min. 390 psi, Min. 2-inch thick, Mearlcrete	polyvinyl alcohol (PVA)	SP-FB1, SP-FB2, SP-FB3 or SP-FB5	-90.0
LWC-17.	Min. 2,500 psi structural concrete	None	None	Min. 300 psi, min. 2-inch thick Mearlcrete	polyvinyl alcohol (PVA)	SP-FB2 or SP-FB3	-272.5
LWC-18.	Min. 2,500 psi structural concrete	None	None	Min. 300 psi, min. 2-inch thick Mearlcrete	polyvinyl alcohol (PVA)	SP-FB1	-302.5

**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)		
FIBERTITE, FIBERTITE-XT, FIBERTITE-SM OR FIBERTITE-XTREME APPLICATIONS:							
CWF-1.	Min. 2-inch Tectum I Plank	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	FTR 601, FTR-601 PG Polyset Board-Max or Polyset CR-20, 4-inch o.c.	(Optional) Additional layer(s) of base insulation and/or min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR 601, FTR-601 PG Polyset Board-Max or Polyset CR-20, 4-inch o.c.	SP-BB1 or SP-BB2	-222.5
CWF-2.	Min. 2-inch Tectum I Plank	Min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR 601, FTR-601 PG Polyset Board-Max or Polyset CR-20, 4-inch o.c.	None	N/A	SP-BB1 or SP-BB2	-303.5
CWF-3.	Min. 2-inch Tectum I Plank; 4 ft span; FTR PurlinT Fastener with Trufast 2” Metal Seam Plate, 12” o.c.	Min. 1-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	Polyset Board-Max or Polyset CR-20	(Optional) Additional layer(s) of base insulation	Polyset Board-Max or Polyset CR-20	SP-BB1 or SP-BB2	-75.0
CWF-4.	Min. 2-inch Tectum I Plank; 4 ft span; FTR PurlinT Fastener with Trufast 2” Metal Seam Plate, 12” o.c.	(Optional) Min. 1-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	Polyset Board-Max or Polyset CR-20	Optional additional layer(s) of base insulation followed by min. 0.25-inch DensDeck Prime	Polyset Board-Max or Polyset CR-20	SP-BB1 or SP-BB2	-75.0
FIBERTITE, FIBERTITE-XT, FIBERTITE-SM OR FIBERTITE XTREME APPLIED IN ALPHA-TITE BONDING ADHESIVE:							
CWF-5.	Min. 2-inch Tectum I Plank	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	FTR 601, FTR-601 PG Polyset Board-Max or Polyset CR-20, 4-inch o.c.	(Optional) Additional layer(s) of base insulation and/or min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR 601, FTR-601 PG Polyset Board-Max or Polyset CR-20, 4-inch o.c.	SP-BB3 or SP-BB4	-222.5
CWF-6.	Min. 2-inch Tectum I Plank	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR 601, FTR-601 PG Polyset Board-Max or Polyset CR-20, 4-inch o.c.	None	N/A	SP-BB3 or SP-BB4	-303.5
CWF-7.	Min. 2-inch Tectum I Plank; 4 ft span; FTR PurlinT Fastener with Trufast 2” Metal Seam Plate, 12” o.c.	Min. 1-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	Polyset Board-Max or Polyset CR-20	(Optional) Additional layer(s) of base insulation	Polyset Board-Max or Polyset CR-20	SP-BB3 or SP-BB4	-75.0
CWF-8.	Min. 2-inch Tectum I Plank; 4 ft span; FTR PurlinT Fastener with Trufast 2” Metal Seam Plate, 12” o.c.	(Optional) Min. 1-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	Polyset Board-Max or Polyset CR-20	Optional additional layer(s) of base insulation followed by min. 0.25-inch DensDeck Prime	Polyset Board-Max or Polyset CR-20	SP-BB3 or SP-BB4	-75.0
FIBERTITE-FB APPLICATIONS:							
CWF-9.	Min. 2-inch Tectum I Plank	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	FTR 601, FTR-601 PG Polyset Board-Max or Polyset CR-20, 4-inch o.c.	(Optional) Additional layer(s) of base insulation and/or min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR 601, FTR-601 PG Polyset Board-Max or Polyset CR-20, 4-inch o.c.	SP-FB1, SP-FB2, SP-FB3 or SP-FB5	-222.5

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)		
CWF-10.	Min. 2-inch Tectum I Plank	Min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR 601, FTR-601 PG Polyset Board-Max or Polyset CR-20, 4-inch o.c.	None	N/A	SP-FB1, SP-FB2, SP-FB3 or SP-FB5	-303.5
CWF-11.	Min. 2-inch Tectum I Plank; 4 ft span; FTR PurlinT Fastener with Trufast 2" Metal Seam Plate, 12" o.c.	Min. 1-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	Polyset Board-Max or Polyset CR-20	(Optional) Additional layer(s) of base insulation	Polyset Board-Max or Polyset CR-20	SP-FB1, SP-FB2, SP-FB3, SP-FB5 or SP-FB6	-75.0
CWF-12.	Min. 2-inch Tectum I Plank; 4 ft span; FTR PurlinT Fastener with Trufast 2" Metal Seam Plate, 12" o.c.	(Optional) Min. 1-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	Polyset Board-Max or Polyset CR-20	Optional additional layer(s) of base insulation followed by min. 0.25-inch DensDeck Prime	Polyset Board-Max or Polyset CR-20	SP-FB1, SP-FB2, SP-FB3, SP-FB5 or SP-FB6	-75.0

TABLE 5B: CEMENTITIOUS WOOD FIBER DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION, BONDED BASE PLY(S), 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	
CWF-13.	Min. 2-inch Tectum I Plank	(Optional) Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	FTR 601, FTR-601 PG Polyset Board-Max or Polyset CR-20, 4-inch o.c.	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601, FTR-601 PG Polyset Board-Max or Polyset CR-20, 4-inch o.c.	SBS-AA, SBS-CA1, SBS-CA2 or SBS-TA	(Optional) SBS-AA, SBS-CA1, SBS-CA2 or SBS-TA	SP-FB4, SP-FB5, SP-FB6 or SP-FB7	-167.5
CWF-14.	Min. 2-inch Tectum I Plank; 4 ft span; FTR PurlinT Fastener with Trufast 2" Metal Seam Plate, 12" o.c.	(Optional) Min. 1-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	Polyset Board-Max or Polyset CR-20	Min. 0.25-inch DensDeck Prime	Polyset Board-Max or Polyset CR-20	SBS-AA, SBS-CA1, SBS-CA2 or SBS-TA	(Optional) SBS-AA, SBS-CA1, SBS-CA2 or SBS-TA	SP-FB4, SP-FB5, SP-FB6 or SP-FB7	-75.0

TABLE 5C: CEMENTITIOUS WOOD FIBER DECKS - REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE D-1: INSULATED, MECHANICALLY ATTACHED ROOF COVER

System No.	Deck (Note 1)	Insulation (Note 13)		Roof Cover (Note 15A)			MDP (psf)
		Type	Attach (Note 5)	Membrane	Fastener (Note 11)	Attachment	
CWF-15.	Existing Tectum Plank or Tectum LS Plank	One or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	OMG Polymer GypTec with 2 in. Polymer GypTec Metal Barbed Plate	Open or Closed: 6 x 51	-45.0

**TABLE 6A: GYPSUM DECK - REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER***

System No.	Deck (Note 1 & 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)		
FIBERTITE, FIBERTITE-XT, FIBERTITE-SM OR FIBERTITE-XTREME APPLIED IN FTR-190E:							
G-1.	Existing poured gypsum or gypsum plank	Min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR 601	None	N/A	SP-BB1 or SP-BB2	-162.5
G-2.	Existing poured gypsum or gypsum plank	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	FTR 601	(Optional) Additional layer(s) of base insulation or Min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR 601	SP-BB1 or SP-BB2	-200.0
G-3.	Existing poured gypsum or gypsum plank	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	OB-500	(Optional) Additional layer(s) of base insulation or Min. 0.25-inch DensDeck or SECUROCK Gypsum-Fiber Roof Board	OB-500	SP-BB1 or SP-BB2	-112.5
G-4.	Existing poured gypsum or gypsum plank	Min. 1-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	Polyset Board-Max or Polyset CR-20	(Optional) Additional layer(s) of base insulation	Polyset Board-Max or Polyset CR-20	SP-BB1 or SP-BB2	-357.0
G-5.	Existing poured gypsum or gypsum plank	(Optional) Min. 1-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	Polyset Board-Max or Polyset CR-20	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Polyset Board-Max or Polyset CR-20	SP-BB1 or SP-BB2	-290.0
FIBERTITE, FIBERTITE-XT, FIBERTITE-SM OR FIBERTITE XTREME APPLIED IN ALPHA-TITE BONDING ADHESIVE:							
G-6.	Existing poured gypsum or gypsum plank	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR 601	None	N/A	SP-BB3 or SP-BB4	-162.5
G-7.	Existing poured gypsum or gypsum plank	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	FTR 601	(Optional) Additional layer(s) of base insulation or Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR 601	SP-BB3 or SP-BB4	-200.0
G-8.	Existing poured gypsum or gypsum plank	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	OB-500	(Optional) Additional layer(s) of base insulation or Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	OB-500	SP-BB3 or SP-BB4	-112.5
G-9.	Existing poured gypsum or gypsum plank	Min. 1-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	Polyset Board-Max or Polyset CR-20	(Optional) Additional layer(s) of base insulation	Polyset Board-Max or Polyset CR-20	SP-BB3 or SP-BB4	-357.0
G-10.	Existing poured gypsum or gypsum plank	(Optional) Min. 1-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	Polyset Board-Max or Polyset CR-20	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Polyset Board-Max or Polyset CR-20	SP-BB3 or SP-BB4	-290.0
FIBERTITE-FB APPLIED IN FTR-290:							
G-11.	Existing poured gypsum or gypsum plank	Min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR 601	None	N/A	SP-FB1	-162.5
G-12.	Existing poured gypsum or gypsum plank	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	FTR 601	(Optional) Additional layer(s) of base insulation or Min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR 601	SP-FB1	-200.0
G-13.	Existing poured gypsum or gypsum plank	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	OB-500	(Optional) Additional layer(s) of base insulation or Min. 0.25-inch DensDeck or SECUROCK Gypsum-Fiber Roof Board	OB-500	SP-FB1	-112.5
G-14.	Existing poured gypsum or gypsum plank	Min. 1-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	Polyset Board-Max or Polyset CR-20	(Optional) Additional layer(s) of base insulation	Polyset Board-Max or Polyset CR-20	SP-FB1	-357.0

TABLE 6A: GYPSUM DECK - REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER*

System No.	Deck (Note 1 & 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)		
G-15.	Existing poured gypsum or gypsum plank	(Optional) Min. 1-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	Polyset Board-Max or Polyset CR-20	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Polyset Board-Max or Polyset CR-20	SP-FB1	-290.0
FIBERTITE-FB APPLIED IN FTR-390 OR FTR-490:							
G-16.	Existing poured gypsum or gypsum plank	Min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR 601	None	N/A	SP-FB2 or SP-FB3	-162.5
G-17.	Existing poured gypsum or gypsum plank	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	FTR 601	(Optional) Additional layer(s) of base insulation or Min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR 601	SP-FB2 or SP-FB3	-200.0
G-18.	Existing poured gypsum or gypsum plank	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	OB-500	(Optional) Additional layer(s) of base insulation or Min. 0.25-inch DensDeck	OB-500	SP-FB2 or SP-FB3	-112.5
G-19.	Existing poured gypsum or gypsum plank	Min. 1-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	Polyset Board-Max or Polyset CR-20	(Optional) Additional layer(s) of base insulation	Polyset Board-Max or Polyset CR-20	SP-FB2 or SP-FB3	-357.0
G-20.	Existing poured gypsum or gypsum plank	(Optional) Min. 1-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	Polyset Board-Max or Polyset CR-20	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Polyset Board-Max or Polyset CR-20	SP-FB2 or SP-FB3	-290.0
FIBERTITE-FB APPLIED IN HOT ASPHALT:							
G-21.	Existing poured gypsum or gypsum plank	Min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR 601	None	N/A	SP-FB4	-162.5
G-22.	Existing poured gypsum or gypsum plank	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	FTR 601	Min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR 601	SP-FB4	-200.0
G-23.	Existing poured gypsum or gypsum plank	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	OB-500	Min. 0.25-inch DensDeck or SECUROCK Gypsum-Fiber Roof Board	OB-500	SP-FB4	-112.5
G-24.	Existing poured gypsum or gypsum plank	(Optional) Min. 1-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	Polyset Board-Max or Polyset CR-20	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Polyset Board-Max or Polyset CR-20	SP-FB4	-290.0
FIBERTITE-FB APPLIED IN POLYSET CR-20 (SPATTER) OR FTR 601-PG (SPATTER):							
G-25.	Existing poured gypsum or gypsum plank	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR 601	None	N/A	SP-FB5, SP-FB6	-162.5
G-26.	Existing poured gypsum or gypsum plank	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	FTR 601	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR 601	SP-FB5, SP-FB6	-200.0
G-27.	Existing poured gypsum or gypsum plank	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	OB-500	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	OB-500	SP-FB5, SP-FB6	-112.5
G-28.	Existing poured gypsum or gypsum plank	(Optional) Min. 1-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	Polyset Board-Max or Polyset CR-20	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Polyset Board-Max or Polyset CR-20	SP-FB5, SP-FB6	-210.0

TABLE 6B: GYPSUM DECK - REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION, BONDED BASE PLY(S), BONDED ROOF COVER*

System No.	Deck (Note 1 & 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	
FIBERTITE-FB APPLIED IN FTR-390:									
G-29.	Existing poured gypsum or gypsum plank	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	FTR 601	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601	SBS-CA1	None	SP-FB2	-67.5
G-30.	Existing poured gypsum or gypsum plank	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	FTR 601	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR 601	SBS-AA or SBS-TA	(Optional) SBS-AA or SBS-TA	SP-FB2	-202.5
G-31.	Existing poured gypsum or gypsum plank	(Optional) Min. 1-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	Polyset Board-Max or Polyset CR-20	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	Polyset Board-Max or Polyset CR-20	SBS-CA1	None	SP-FB2	-67.5
G-32.	Existing poured gypsum or gypsum plank	(Optional) Min. 1-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	Polyset Board-Max or Polyset CR-20	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Polyset Board-Max or Polyset CR-20	SBS-AA or SBS-TA	(Optional) SBS-AA or SBS-TA	SP-FB2	-202.5
FIBERTITE-FB APPLIED IN HOT ASPHALT:									
G-33.	Existing poured gypsum or gypsum plank	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	FTR 601	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	FTR 601	SBS-CA1 or SBS-CA2	(Optional) SBS-CA1 or SBS-CA2	SP-FB4	-67.5
G-34.	Existing poured gypsum or gypsum plank	(Optional) Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	FTR 601	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR 601	SBS-CA1 or SBS-CA2	(Optional) SBS-CA1 or SBS-CA2	SP-FB4	-167.5
G-35.	Existing poured gypsum or gypsum plank	(Optional) Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	FTR 601	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	FTR 601, 6-inch o.c.	SBS-CA1 or SBS-CA2	(Optional) SBS-CA1 or SBS-CA2	SP-FB4	-167.5
G-36.	Existing poured gypsum or gypsum plank	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	FTR 601	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR 601	SBS-AA or SBS-TA	(Optional) SBS-AA or SBS-TA	SP-FB4	-202.5
G-37.	Existing poured gypsum or gypsum plank	(Optional) Min. 1-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	Polyset Board-Max or Polyset CR-20	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Polyset Board-Max or Polyset CR-20	SBS-AA or SBS-TA	(Optional) SBS-AA or SBS-TA	SP-FB4	-232.5
G-38.	Existing poured gypsum or gypsum plank	(Optional) Min. 1-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	Polyset Board-Max or Polyset CR-20	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Polyset Board-Max or Polyset CR-20	SBS-CA1 or SBS-CA2	(Optional) SBS-CA1 or SBS-CA2	SP-FB4	-167.5
FIBERTITE-FB APPLIED IN POLYSET CR-20, FTR 601-PG or COLPLY EF ADHESIVE:									

TABLE 6B: GYPSUM DECK - REROOF (TEAR-OFF)									
SYSTEM TYPE A-1: BONDED INSULATION, BONDED BASE PLY(S), BONDED ROOF COVER*									
System No.	Deck (Note 1 & 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-39.	Existing poured gypsum or gypsum plank	(Optional) Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	FTR 601 or FTR-601 PG	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG	SBS-AA, SBS-CA1, SBS-CA2 or SBS-TA	(Optional) SBS-AA, SBS-CA1, SBS-CA2 or SBS-TA	SP-FB5, SP-FB6 or SP-FB7	-167.5
G-40.	Existing poured gypsum or gypsum plank	(Optional) Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	FTR 601 or FTR-601 PG	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	FTR 601 or FTR-601 PG, 6-inch o.c.	SBS-AA, SBS-CA1, SBS-CA2 or SBS-TA	(Optional) SBS-AA, SBS-CA1, SBS-CA2 or SBS-TA	SP-FB5, SP-FB6 or SP-FB7	-167.5
G-41.	Existing poured gypsum or gypsum plank	(Optional) Min. 1-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	Polyset Board-Max or Polyset CR-20	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Polyset Board-Max or Polyset CR-20	SBS-AA, SBS-CA1, SBS-CA2 or SBS-TA	(Optional) SBS-AA, SBS-CA1, SBS-CA2 or SBS-TA	SP-FB5, SP-FB6 or SP-FB7	-167.5

TABLE 6C: GYPSUM DECK - REROOF (TEAR-OFF)							
SYSTEM TYPE D-1: INSULATED, MECHANICALLY ATTACHED ROOF COVER							
System No.	Deck (Note 1)	Insulation (Note 13)		Roof Cover (Note 15A)			MDP (psf)
		Type	Attach (Note 5)	Membrane	Fastener (Note 11)	Attachment	
G-42.	Existing poured gypsum or gypsum plank	One or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	OMG Polymer GypTec with 2 in. Polymer GypTec Metal Barbed Plate	Open or Closed: 6 x 51	-45.0

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 and roof cover when installed atop 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 & 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)		
FIBERTITE, FIBERTITE-XT, FIBERTITE-SM OR FIBERTITE-XTREME APPLIED IN FTR-190E:							
R-1.	Existing asphaltic BUR	Min. 0.5-inch FTR-VALUE A or FTR-VALUE H	hot asphalt	None	N/A	SP-BB1 or SP-BB2	-45.0
R-2.	Existing asphaltic BUR	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	hot asphalt	(Optional) Additional layer(s) of base insulation or min. 0.25-inch DensDeck	hot asphalt	SP-BB1 or SP-BB2	-240.0
R-3.	Existing asphaltic BUR	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	hot asphalt	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	hot asphalt	SP-BB1 or SP-BB2	-247.5
R-4.	Existing asphaltic BUR	(Optional) Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	hot asphalt	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 0.4375-inch DEXcell Cement Roof Board	hot asphalt	SP-BB1 or SP-BB2	-375.0
R-5.	Existing asphaltic BUR	Min. 0.25-inch DensDeck or DensDeck Prime	FTR 601	None	N/A	SP-BB1 or SP-BB2	-82.5
R-6.	Existing asphaltic BUR	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	FTR 601	(Optional) Additional layer(s) of base insulation or min. 0.25-inch DensDeck	FTR 601	SP-BB1 or SP-BB2	-157.5
R-7.	Existing asphaltic BUR	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	FTR 601	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	FTR 601	SP-BB1 or SP-BB2	-157.5
R-8.	Existing asphaltic BUR	(Optional) Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	FTR 601	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 0.4375-inch DEXcell Cement Roof Board	FTR 601	SP-BB1 or SP-BB2	-135.0
R-9.	Existing asphaltic BUR	Min. 0.25-inch DensDeck or DensDeck Prime	OB-500	None	N/A	SP-BB1 or SP-BB2	-120.0
R-10.	Existing asphaltic BUR	Min. 0.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	OB-500	(Optional) Additional layer(s) of base insulation or min. 0.25-inch DensDeck	OB-500	SP-BB1 or SP-BB2	-120.0
R-11.	Existing asphaltic BUR	Min. 0.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	OB-500	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	OB-500	SP-BB1 or SP-BB2	-120.0
R-12.	Existing asphaltic BUR	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	Polyset Board-Max or Polyset CR-20	(Optional) Additional layer(s) of base insulation or min. 0.25-inch DensDeck or SECUROCK Gypsum-Fiber Roof Board	Polyset Board-Max or Polyset CR-20	SP-BB1 or SP-BB2	-195.0
FIBERTITE, FIBERTITE-XT, FIBERTITE-SM OR FIBERTITE XTREME APPLIED IN ALPHA-TITE BONDING ADHESIVE:							
R-13.	Existing asphaltic BUR	Min. 0.5-inch FTR-VALUE A or FTR-VALUE H	hot asphalt	None	N/A	SP-BB3 or SP-BB4	-45.0
R-14.	Existing asphaltic BUR	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	hot asphalt	(Optional) Additional layer(s) of base insulation	hot asphalt	SP-BB3 or SP-BB4	-240.0
R-15.	Existing asphaltic BUR	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	hot asphalt	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	hot asphalt	SP-BB3 or SP-BB4	-247.5
R-16.	Existing asphaltic BUR	(Optional) Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	hot asphalt	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	hot asphalt	SP-BB3 or SP-BB4	-375.0

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 and roof cover when installed atop 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 & 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)		
R-17.	Existing asphaltic BUR	Min. 0.25-inch DensDeck Prime	FTR 601 or FTR-601 PG	None	N/A	SP-BB3 or SP-BB4	-82.5
R-18.	Existing asphaltic BUR	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	FTR 601 or FTR-601 PG	(Optional) Additional layer(s) of base insulation	FTR 601 or FTR-601 PG	SP-BB3 or SP-BB4	-157.5
R-19.	Existing asphaltic BUR	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	FTR 601 or FTR-601 PG	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG	SP-BB3 or SP-BB4	-157.5
R-20.	Existing asphaltic BUR	(Optional) Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	FTR 601 or FTR-601 PG	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	FTR 601 or FTR-601 PG	SP-BB3 or SP-BB4	-135.0
R-21.	Existing asphaltic BUR	Min. 0.25-inch DensDeck Prime	OB-500	None	N/A	SP-BB3 or SP-BB4	-120.0
R-22.	Existing asphaltic BUR	Min. 0.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	OB-500	(Optional) Additional layer(s) of base insulation	OB-500	SP-BB3 or SP-BB4	-120.0
R-23.	Existing asphaltic BUR	Min. 0.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	OB-500	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	OB-500	SP-BB3 or SP-BB4	-120.0
R-24.	Existing asphaltic BUR	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	Polyset Board-Max or Polyset CR-20	(Optional) Additional layer(s) of base insulation or min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	Polyset Board-Max or Polyset CR-20	SP-BB3 or SP-BB4	-195.0
FIBERTITE-FB APPLIED IN FTR-290:							
R-25.	Existing asphaltic BUR	Min. 0.5-inch FTR-VALUE A or FTR-VALUE H	hot asphalt	None	N/A	SP-FB1	-45.0
R-26.	Existing asphaltic BUR	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	hot asphalt	(Optional) Additional layer(s) of base insulation or min. 0.25-inch DensDeck	hot asphalt	SP-FB1	-240.0
R-27.	Existing asphaltic BUR	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	hot asphalt	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	hot asphalt	SP-FB1	-247.5
R-28.	Existing asphaltic BUR	(Optional) Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	hot asphalt	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 0.4375-inch DEXcell Cement Roof Board	hot asphalt	SP-FB1	-375.0
R-29.	Existing asphaltic BUR	Min. 0.25-inch DensDeck or DensDeck Prime	FTR 601 or FTR-601 PG	None	N/A	SP-FB1	-82.5
R-30.	Existing asphaltic BUR	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	FTR 601 or FTR-601 PG	(Optional) Additional layer(s) of base insulation or min. 0.25-inch DensDeck	FTR 601 or FTR-601 PG	SP-FB1	-157.5
R-31.	Existing asphaltic BUR	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	FTR 601 or FTR-601 PG	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG	SP-FB1	-157.5
R-32.	Existing asphaltic BUR	(Optional) Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	FTR 601 or FTR-601 PG	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 0.4375-inch DEXcell Cement Roof Board	FTR 601 or FTR-601 PG	SP-FB1	-135.0
R-33.	Existing asphaltic BUR	Min. 0.5-inch FTR-VALUE A or FTR-VALUE H	OB-500	None	N/A	SP-FB1	-82.5
R-34.	Existing asphaltic BUR	Min. 0.25-inch DensDeck or DensDeck Prime	OB-500	None	N/A	SP-FB1	-120.0

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 and roof cover when installed atop 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 & 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)		
R-35.	Existing asphaltic BUR	Min. 0.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	OB-500	(Optional) Additional layer(s) of base insulation or min. 0.25-inch DensDeck	OB-500	SP-FB1	-120.0
R-36.	Existing asphaltic BUR	Min. 0.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	OB-500	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	OB-500	SP-FB1	-120.0
R-37.	Existing asphaltic BUR	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	Polyset Board-Max or Polyset CR-20	(Optional) Additional layer(s) of base insulation or min. 0.25-inch DensDeck or SECUROCK Gypsum-Fiber Roof Board	Polyset Board-Max or Polyset CR-20	SP-FB1	-195.0
FIBERTITE-FB APPLIED IN FTR-390 OR FTR-490:							
R-38.	Existing asphaltic BUR	Min. 0.5-inch FTR-VALUE A or FTR-VALUE H	hot asphalt	None	N/A	SP-FB2 or SP-FB3	-45.0
R-39.	Existing asphaltic BUR	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	hot asphalt	(Optional) Additional layer(s) of base insulation or min. 0.25-inch DensDeck	hot asphalt	SP-FB2 or SP-FB3	-240.0
R-40.	Existing asphaltic BUR	(Optional) Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	hot asphalt	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 0.4375-inch DEXcell Cement Roof Board	hot asphalt	SP-FB2 or SP-FB3	-375.0
R-41.	Existing asphaltic BUR	Min. 0.25-inch DensDeck or DensDeck Prime	FTR 601 or FTR-601 PG	None	N/A	SP-FB2 or SP-FB3	-82.5
R-42.	Existing asphaltic BUR	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	FTR 601 or FTR-601 PG	(Optional) Additional layer(s) of base insulation or min. 0.25-inch DensDeck	FTR 601 or FTR-601 PG	SP-FB2 or SP-FB3	-157.5
R-43.	Existing asphaltic BUR	(Optional) Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	FTR 601 or FTR-601 PG	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 0.4375-inch DEXcell Cement Roof Board	FTR 601 or FTR-601 PG	SP-FB2 or SP-FB3	-135.0
R-44.	Existing asphaltic BUR	Min. 0.5-inch FTR-VALUE A or FTR-VALUE H	OB-500	None	N/A	SP-FB2 or SP-FB3	-82.5
R-45.	Existing asphaltic BUR	Min. 0.25-inch DensDeck or DensDeck Prime	OB-500	None	N/A	SP-FB2 or SP-FB3	-120.0
R-46.	Existing asphaltic BUR	Min. 0.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	OB-500	(Optional) Additional layer(s) of base insulation or min. 0.25-inch DensDeck	OB-500	SP-FB2 or SP-FB3	-120.0
R-47.	Existing asphaltic BUR	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	Polyset Board-Max or Polyset CR-20	(Optional) Additional layer(s) of base insulation or min. 0.25-inch DensDeck	Polyset Board-Max or Polyset CR-20	SP-FB2 or SP-FB3	-195.0
FIBERTITE-FB APPLIED IN HOT ASPHALT:							
R-48.	Existing asphaltic BUR or modified bitumen	Min. 0.25-inch DensDeck	hot asphalt	None	N/A	SP-FB4	-45.0
R-49.	Existing asphaltic BUR or modified bitumen	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	hot asphalt	None	N/A	SP-FB4	-45.0
R-50.	Existing asphaltic BUR	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	hot asphalt	Min. 0.25-inch DensDeck	hot asphalt	SP-FB4	-240.0

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 and roof cover when installed atop 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 & 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)		
R-51.	Existing asphaltic BUR	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	hot asphalt	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	hot asphalt	SP-FB4	-247.5
R-52.	Existing asphaltic BUR	(Optional) Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	hot asphalt	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 0.4375-inch DEXcell Cement Roof Board	hot asphalt	SP-FB4	-375.0
R-53.	Existing asphaltic BUR or modified bitumen	Min. 0.25-inch DensDeck	FTR 601 or FTR-601 PG	None	N/A	SP-FB4	-45.0
R-54.	Existing asphaltic BUR	Min. 0.25-inch DensDeck or DensDeck Prime	FTR 601 or FTR-601 PG	None	N/A	SP-FB4	-82.5
R-55.	Existing asphaltic BUR or modified bitumen	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG	None	N/A	SP-FB4	-45.0
R-56.	Existing asphaltic BUR	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	FTR 601 or FTR-601 PG	Min. 0.25-inch DensDeck	FTR 601 or FTR-601 PG	SP-FB4	-157.5
R-57.	Existing asphaltic BUR	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	FTR 601 or FTR-601 PG	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG	SP-FB4	-157.5
R-58.	Existing asphaltic BUR	(Optional) Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	FTR 601 or FTR-601 PG	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 0.4375-inch DEXcell Cement Roof Board	FTR 601 or FTR-601 PG	SP-FB4	-135.0
R-59.	Existing asphaltic BUR	Min. 0.25-inch DensDeck or DensDeck Prime	OB-500	None	N/A	SP-FB4	-120.0
R-60.	Existing asphaltic BUR	Min. 0.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	OB-500	Min. 0.25-inch DensDeck	OB-500	SP-FB4	-120.0
R-61.	Existing asphaltic BUR	Min. 0.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	OB-500	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	OB-500	SP-FB4	-120.0
R-62.	Existing asphaltic BUR	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	Polyset Board-Max or Polyset CR-20	Min. 0.25-inch DensDeck or SECUROCK Gypsum-Fiber Roof Board	Polyset Board-Max or Polyset CR-20	SP-FB4	-195.0
FIBERTITE-FB APPLIED IN POLYSET CR-20 (SPATTER) OR FTR 601-PG (SPATTER):							
R-63.	Existing asphaltic BUR or modified bitumen	Min. 0.5-inch FTR-VALUE A, FTR-VALUE H or FTR-Value H Glass Facer or min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	hot asphalt	None	N/A	SP-FB5 or SP-FB6	-45.0
R-64.	Existing asphaltic BUR	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	hot asphalt	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	hot asphalt	SP-FB5 or SP-FB6	-105.0
R-65.	Existing asphaltic BUR	(Optional) Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	hot asphalt	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 0.4375-inch DEXcell Cement Roof Board	hot asphalt	SP-FB5	-375.0
R-66.	Existing asphaltic BUR or modified bitumen	Min. 0.5-inch FTR-VALUE A, FTR-VALUE H or FTR-Value H Glass Facer or min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG	None	N/A	SP-FB5 or SP-FB6	-45.0
R-67.	Existing asphaltic BUR	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	FTR 601 or FTR-601 PG	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG	SP-FB5 or SP-FB6	-105.0

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 and roof cover when installed atop 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 & 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)		
R-68.	Existing asphaltic BUR	(Optional) Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	FTR 601 or FTR-601 PG	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 0.4375-inch DEXcell Cement Roof Board	FTR 601 or FTR-601 PG	SP-FB5	-135.0
R-69.	Existing asphaltic BUR or modified bitumen	Min. 0.5-inch FTR-VALUE A, FTR-VALUE H or FTR-Value H Glass Facer	OB-500	None	N/A	SP-FB5 or SP-FB6	-45.0
R-70.	Existing asphaltic BUR	Min. 0.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	OB-500	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	OB-500	SP-FB5 or SP-FB6	-105.0
R-71.	Existing asphaltic BUR	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	Polyset Board-Max or Polyset CR-20	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	Polyset Board-Max or Polyset CR-20	SP-FB5 or SP-FB6	-105.0

TABLE 7B: RECOVER APPLICATIONS
SYSTEM TYPE A-1: BONDED INSULATION, BONDED BASE PLY(S), BONDED ROOF COVER*

^A The reported MDP documents the allowable maximum design pressure of the new insulation and roof cover when installed atop 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 & 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	
FIBERTITE-FB APPLIED IN FTR-390:									
R-72.	Existing asphaltic BUR	Min. 0.25-inch DensDeck Prime	FTR 601 or FTR-601 PG	None	N/A	SBS-AA or SBS-TA	(Optional) SBS-AA or SBS-TA	SP-FB2	-82.5
R-73.	Existing asphaltic BUR	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	FTR 601 or FTR-601 PG	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG	SBS-AA or SBS-TA	(Optional) SBS-AA or SBS-TA	SP-FB2	-157.5
R-74.	Existing asphaltic BUR	Min. 1.5-inch FTR-VALUE A or FTR-VALUE H	FTR 601 or FTR-601 PG	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG	SBS-CA1	None	SP-FB2	-67.5
R-75.	Existing asphaltic BUR	Min. 0.25-inch DensDeck Prime	OB-500	None	N/A	SBS-AA or SBS-TA	(Optional) SBS-AA or SBS-TA	SP-FB2	-120.0
R-76.	Existing asphaltic BUR	Min. 0.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	OB-500	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	OB-500	SBS-AA or SBS-TA	(Optional) SBS-AA or SBS-TA	SP-FB2	-120.0
FIBERTITE-FB APPLIED IN HOT ASPHALT:									
R-77.	Existing asphaltic BUR	Min. 0.25-inch DensDeck Prime	FTR 601 or FTR-601 PG	None	N/A	SBS-AA or SBS-TA	(Optional) SBS-AA or SBS-TA	SP-FB4	-82.5
R-78.	Existing asphaltic BUR	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	FTR 601 or FTR-601 PG	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG	SBS-AA or SBS-TA	(Optional) SBS-AA or SBS-TA	SP-FB4	-157.5
R-79.	Existing asphaltic BUR	Min. 1.5-inch FTR-VALUE A or FTR-VALUE H	FTR 601 or FTR-601 PG	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG	SBS-CA1 or SBS-CA2	(Optional) SBS-CA1 or SBS-CA2	SP-FB4	-67.5

TABLE 7B: RECOVER APPLICATIONS
SYSTEM TYPE A-1: BONDED INSULATION, BONDED BASE PLY(S), BONDED ROOF COVER*

[^] The reported MDP documents the allowable maximum design pressure of the new insulation and roof cover when installed atop 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 & 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-80.	Existing asphaltic BUR	Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	FTR 601 or FTR-601 PG	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG, 6-inch o.c.	SBS-CA1 or SBS-CA2	(Optional) SBS-CA1 or SBS-CA2	SP-FB4	-157.5
R-81.	Existing asphaltic BUR	Min. 0.25-inch DensDeck Prime	OB-500	None	N/A	SBS-AA or SBS-TA	(Optional) SBS-AA or SBS-TA	SP-FB4	-82.5
R-82.	Existing asphaltic BUR	Min. 0.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	OB-500	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	OB-500	SBS-AA or SBS-TA	(Optional) SBS-AA or SBS-TA	SP-FB4	-120.0
FIBERTITE-FB APPLIED IN POLYSET CR-20, FTR 601-PG OR COLPLY EF ADHESIVE:									
R-83.	Existing asphaltic BUR	(Optional) Min. 1.5-inch FTR-VALUE A, FTR-VALUE or FTR-VALUE H	FTR 601 or FTR-601 PG	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG, 6-inch o.c.	SBS-AA, SBS-CA1, SBS-CA2 or SBS-TA	(Optional) SBS-AA, SBS-CA1, SBS-CA2 or SBS-TA	SP-FB5, SP-FB6 or SP-FB7	-157.5

TABLE 7c: STEEL - RECOVER
SYSTEM TYPE C-2: INDUCTION WELDED ROOF COVER

(All areas where the existing metal panels do not lay flush on the underlying purlin shall have a 0.25-inch diameter pilot hole pre-drilled into the panel prior to driving the Purlin Fastener into the purlin.)

System No.	Substrate (Note 1)	Insulation Layer	Attachment		Roof Cover (Note 15B)	MDP (psf)
			Fastener (Note 11)	Spacing		
ISOWELD® SYSTEMS:						
R-84.	Existing standing seam or lap seam metal roof covers having min. 16 gauge (0.0598 inch), 50 ksi steel purlins spaced max. 60-inch o.c.	One or more layers, any combination, min. 1.5-inch thick, min. 16-psi compressive strength, loose laid or preliminarily attached	FTR Retro-Driller with FTR-IW isoweld	12-inch o.c. along purlins spaced max. 60-inch o.c.	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with isoweld Induction Bonding Tool	-52.5
R-85.	Existing standing seam or lap seam metal roof covers having min. 16 gauge (0.0598 inch), 50 ksi steel purlins spaced max. 60-inch o.c.	One or more layers, any combination, min. 1.5-inch thick, min. 16-psi compressive strength, loose laid or preliminarily attached	FTR Retro-Driller with FTR-IW isoweld	6-inch o.c. along purlins spaced max. 60-inch o.c.	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with isoweld Induction Bonding Tool	-82.5
RHINO BOND FASTENING SYSTEM:						
R-86.	Existing standing seam or lap seam metal roof covers having min. 16 gauge (0.0598 inch), 50 ksi steel purlins spaced max. 60-inch o.c.	One or more layers, any combination, preliminarily fastened (min. 2-inch for TreadSafe)	FTR Retro-Driller with RhinoBond Insulation Plate (PVC) or RhinoBond TreadSafe Plate (PVC) are fastened through to purlins	12-inch o.c. along purlins spaced max. 60-inch o.c.	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with RhinoBond Portable Plate Bonding Tool	-52.5
R-87.	Existing standing seam or lap seam metal roof covers having min. 16 gauge (0.0598 inch), 50 ksi steel purlins spaced max. 60-inch o.c.	One or more layers, any combination, preliminarily fastened (min. 2-inch for TreadSafe)	FTR Retro-Driller with RhinoBond Insulation Plate (PVC) are fastened through to purlins or RhinoBond TreadSafe Plate (PVC)	6-inch o.c. along purlins spaced max. 60-inch o.c.	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with RhinoBond Portable Plate Bonding Tool	-90.0

TABLE 7D: STEEL - RECOVER
SYSTEM TYPE D-1: INSULATED, MECHANICALLY ATTACHED ROOF COVER

(All areas where the existing metal panels do not lay flush on the underlying purlin shall have a 0.25-inch diameter pilot hole pre-drilled into the panel prior to driving the Purlin Fastener into the purlin.)

System No.	Deck (Note 1)	Insulation (Note 13)		Roof Cover (Note 15A)			MDP (psf)
		Type	Attach (Note 5)	Membrane	Fastener (Note 11)	Attachment	
OPEN STYLE:							
R-88.	Existing standing seam or lap seam metal roof covers having min. 12 gauge (0.105 in.), 36 ksi steel purlins spaced max. 95-inch o.c.	One or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FTR-PurlinT Fastener with FTR Magnum-R275	12-inch o.c. within min. 5-inch wide laps spaced max. 95-inch o.c. to engage steel purlin. Laps sealed with 1.5-inch heat weld.	-45.0
R-89.	Existing standing seam or lap seam metal roof covers having min. 12 gauge (0.105 in.), 36 ksi steel purlins spaced max. 95-inch o.c.	One or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FTR-PurlinT Fastener with FTR Magnum-R275	6-inch o.c. within min. 5-inch wide laps spaced max. 95-inch o.c. to engage steel purlin. Laps sealed with 1.5-inch heat weld.	-67.5
CLOSED STYLE:							
R-90.	Existing standing seam or lap seam metal roof covers having min. 12 gauge (0.105 in.), 36 ksi steel purlins spaced max. 120-inch o.c.	One or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FTR-PurlinT Fastener with FTR Magnum-R275	12-inch o.c. through the field of the membrane in rows spaced max. 120-inch o.c. to engage steel purlin. Fastener rows covered with a 6-inch wide strip of FiberTite membrane with 1½-inch field welds on all sides.	-45.0

TABLE 7E: RECOVER APPLICATIONS
SYSTEM TYPE F: NON-INSULATED, BONDED ROOF COVER*

^A The reported MDP documents the allowable maximum design pressure of the new roof cover when installed atop 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 & 12)	Roof Cover (Note 15)	MDP (psf)* ^A
R-91.	Existing fully adhered granule-surface built-up roof (BUR), or existing fully adhered granule-surface APP or SBS modified bitumen	SP-FB2 (2 gal./square)	-85.0
R-92.	Existing fully adhered smooth-surface built-up roof (BUR) or existing fully adhered smooth-surface SBS modified bitumen	SP-FB2 (2 gal./square)	-410.0
R-93.	Existing fully adhered smooth-surface or granule-surface built-up roof (BUR), existing fully adhered smooth-surface or granule-surface SBS modified bitumen or existing fully adhered granule-surface APP modified bitumen	SP-FB4 or SP-FB5	-410.0
R-94.	Existing fully adhered smooth-surface SBS modified bitumen	SP-FB6	-410.0