



NEMO|cert.®

NEMO EVALUATIONS REPORT

Report No.: NER-AMZ-001.B.R4

Revision 4: 2026-06-09

Page 1 of 124

Amrize Building Envelope LLC (Elevate)

FL10264-R23

Nemo|cert.

353 Christian Street, Unit 12b

Oxford, CT 06478

(475) 888-CERT (2378)

www.nemocert.com

INSPECT

CERTIFY

EVALUATE

VALIDATE

QUALIFY

NEMO EVALUATION REPORT (NER)



ELEVATE

[Amrize Building Envelope LLC \(Elevate\)](#)

26 Century Blvd

Nashville, TN 37214

1 (800) 428-4442

SUBJECT:

Elevate UltraPly TPO Roof Systems

SCOPE:

This NEMO Evaluation Report (henceforth 'NER') is issued under F.A.C. [Rule 61G20-3](#) and the applicable rules and regulations governing Product Approval of construction materials in the State of Florida and ISO/IEC 17065 via [NEMO|cert.](#) NEMO Evaluations has evaluated the products described herein for compliance with the [Code sections noted herein](#).

CODE:

2024, 2021, 2018, 2015 International Building Code TDI [Third-Party Evaluation Report](#) acceptance
2023 Florida Building Code, 8th Edition
2025 California Building Code

FBC JURISDICTION:

Non-HVHZ and HVHZ

CATEGORY:

FBC: Roofing

NEMO: Single Ply

SUB-CATEGORY:

FBC: Single Ply Roof Systems

CSI DIVISION:

07 00 00 Thermal and Moisture Protection
07 54 00 Thermoplastic Membrane Roofing
07 54 23 Thermoplastic Polyolefin Roofing

METHOD:

Method 1, Option C – Codified Material, Evaluation by Evaluation Entity

COMPLIANCE STATEMENT:

Elevate UltraPly TPO Roof Systems, as produced by **Amrize Building Envelope LLC (Elevate)**, have demonstrated compliance with the [Code sections noted herein](#) through testing in accordance with the referenced Standards, rational analysis and an ongoing quality assurance program. Compliance is subject to the [Installation Requirements](#) and [Limitations of Use](#) set forth herein.

QUALITY ASSURANCE:

Evidence of current quality assurance shall be listing and/or labeling in accordance with the requirements of [NEMO|cert.](#)

CONTINUED COMPLIANCE:

This NER is valid until such time the named product(s) change, the referenced Quality Assurance changes, or the evaluated Code provisions change. NEMO Evaluations requires, at minimum, a complete review of this NER with each 3-year Code Cycle.

BUILDING PERMIT REQUIREMENTS:

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

ADVERTISEMENT:

"NEMO Evaluated" may be displayed in advertising literature. If any portion of the NER is displayed, it shall be displayed in its entirety.

CERTIFICATION OF INDEPENDENCE:

- ✓ NEMO CERT, 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.
- ✓ NEMO CERT, LLC is not owned, operated or controlled by any company manufacturing or distributing products it evaluates.
- ✓ This is a building code evaluation. NEMO CERT, LLC is not, in any way, the Designer of Record for any project on which this NER, or previous versions thereof, is/was used for permitting or design guidance.

NEMO CERT, LLC
www.nemocert.com

©NEMO. All rights reserved.

[LINK TO TOP OF ATTACHMENT REQUIREMENTS](#)



ISO/IEC 17065



PCA-145



ISO/IEC 17020



AA-779



NEMO EVALUATIONS REPORT

Report No.: NER-AMZ-001.B.R4
Revision 4: 2026-06-09

Amrize Building Envelope LLC (Elevate)

FL10264-R23



ISO/IEC 17065

PCA-145

1. CODES, PROPERTIES AND STANDARDS:

CODE	SECTION	PROPERTY	STANDARD
2015 International Building Code	1504.3.1	Wind resistance	FM 4474 or UL1897
	1504.6	Physical properties	ASTM G155
	1504.7	Impact resistance	FM 4470
	1505.1	Fire Classification	UL 790
	1507.10.2	Material standard	ASTM D2178, ASTM D4601
	1507.11.2	Material standard	ASTM D6163, ASTM D6164, ASTM D6222
	1507.13.2	Material standard	D6878
2018 International Building Code	1504.3.1	Wind resistance	FM 4474 or UL1897
	1504.6	Physical properties	ASTM G155
	1504.7	Impact resistance	FM 4470
	1505.1	Fire Classification	UL 790
	1507.10.2	Material standard	ASTM D2178, ASTM D4601
	1507.11.2	Material standard	ASTM D6163, ASTM D6164, ASTM D6222
	1507.13.2	Material standard	D6878
2021 International Building Code	1504.4.1	Wind resistance	FM 4474 or UL1897
	1504.7	Physical properties	ASTM G155
	1504.8	Impact resistance	FM 4470
	1505.1	Fire Classification	UL 790
	1507.10.2	Material standard	ASTM D2178, ASTM D4601
	1507.11.2	Material standard	ASTM D6163, ASTM D6164, ASTM D6222
	1507.12.2	Material standard	D6878
2024 International Building Code	1504.4.1	Wind resistance	FM 4474 or UL1897
	1504.7	Impact resistance	FM 4470
	1505.1	Fire Classification	UL 790
	1507.10.2	Material standard	ASTM D2178, ASTM D4601
	1507.11.2	Material standard	ASTM D6163, ASTM D6164, ASTM D6222
	1507.12.2	Material standard	D6878
2023 Florida Building Code, 8 th Edition	1504.3.1	Wind resistance	FM 4474 or UL1897
	1504.6	Physical properties	ASTM G155
	1504.7	Impact resistance	FM 4470
	1505.1	Fire Classification	UL 790
	1507.10.2, TAS 110	Material standard	ASTM D2178, ASTM D4601
	1507.11.2, TAS 110	Material standard	ASTM D6163, ASTM D6164, ASTM D6222
	1507.12.2, TAS 110	Material standard	ASTM D6878
	1505.1, 1516.1	Fire Classification	UL 790
	TAS 110	Static puncture resistance	ASTM D5602
	TAS 110	Dynamic puncture resistance	ASTM D5635
	1523.6.2, TAS 110	Resistance to Foot Traffic	TAS 114, Section 8.9
	1523.6.2, TAS 110	Wind resistance	TAS 114, Appendix C, D or J
	1523.6.2, TAS 110	Susceptibility Hail Damage	TAS 114, Appendix F
	1523.6.2, TAS 110	Susceptibility to Leakage	TAS 114, Appendix G
2025 California Building Code	1504.4.1	Wind resistance	FM 4474 or UL1897
	1504.7	Impact resistance	FM 4470
	1505.1	Fire Classification	UL 790
	1507.10.2	Material standard	ASTM D2178, ASTM D4601
	1507.11.2	Material standard	ASTM D6163, ASTM D6164, ASTM D6222
	1507.12.2	Material standard	ASTM D6878



NEMO EVALUATIONS REPORT

Report No.: NER-AMZ-001.B.R4
Revision 4: 2026-06-09

Amrize Building Envelope LLC (Elevate)

FL10264-R23



ISO/IEC 17065

PCA-145

2. PRODUCTS:

TABLE 1: EVALUATED ELEVATE COMPONENTS (NEMO Certified. Consult Directory of Certified Products for production location(s))					
TYPE	PRODUCT		MATERIAL STANDARD		
	NAME		REFERENCE	TYPE	GRADE
ROOF COVER OR CAP PLY (BAREBACK)	Elevate UltraPly TPO	45, 60-mil	ASTM D6878	N/A	N/A
	Elevate UltraPly TPO Platinum	80-mil	ASTM D6878	N/A	N/A
	Elevate UltraPly TPO SA	60-mil	ASTM D6878	N/A	N/A
	Elevate UltraPly Platinum TPO SA	80-mil	ASTM D6878	N/A	N/A
ROOF COVER OR CAP PLY (FLEECEBACK)	Elevate UltraPly TPO XR 100	45-mil	ASTM D6878	N/A	N/A
	Elevate UltraPly TPO XR 115	60-mil	ASTM D6878	N/A	N/A
	Elevate UltraPly TPO XR 135	80-mil	ASTM D6878	N/A	N/A
BASE SHEETS	MB Base		ASTM D4601	II	N/A
	SBS Base		ASTM D6163	I	S
PLY SHEETS	Ply IV		ASTM D2178	IV	N/A
	Ply VI		ASTM D2178	VI	N/A
BASE PLY OR VAPOR BARRIER MEMBRANES	MB Base		ASTM D4601	II	N/A
	SBS PolyBase		ASTM D6164	I	S
	SBS Poly Torch Base		ASTM D6164	I	S
	SBS Smooth		ASTM D6164	I	S
	SBS Premium Poly Base		ASTM D6164	II	S
	SBS Base		ASTM D6163	I	S
	SBS Premium Base		ASTM D6163	I	S
	SBS Glass Torch Base		ASTM D6163	I	S
	SBS Glass Torch Base 1.5		ASTM D6163	I	S
	APP 160 Cool		ASTM D6222	I	S
	APP 170 Cool		ASTM D6222	I	S

TABLE 2: ACCESSORY COMPONENTS (4.1.4) (Refer to NOA if listed version was superseded to ensure use of latest version)				
TYPE	ELEVATE PRODUCT	ACCEPTABLE ALTERNATE	FBC	NOA
ADHESIVE	N/A	FAST Dual Tank Adhesive	N/A	22-0825.02
	N/A	Polyset Board Max	N/A	22-0614.11
	N/A	Millennium Sprayable Single-Ply Bonding Adhesive	N/A	25-0908.08
	I.S.O. Stick	N/A	N/A	N/A
	I.S.O. Twin Pack	N/A	N/A	25-1023.18
	I.S.O. Spray R	N/A	N/A	25-0505.05
	Twin Jet	N/A	N/A	25-0505.05
	Twin Jet Y	N/A	N/A	25-0505.05
	Multi-Purpose MB Cold Adhesive	N/A	N/A	25-0505.05
	Jet Bond Spray Adhesive	N/A	N/A	25-0505.05
	Elevate Single-Ply LVOC Bonding Adhesive	N/A	N/A	25-0505.05
	Elevate Single-Ply LVOC Bonding Adhesive 1168	N/A	N/A	25-0505.05
	Elevate UltraPly Bonding Adhesive	N/A	N/A	25-0505.05
	Elevate XR Bonding Adhesive	N/A	N/A	25-0505.05
	Elevate XR Stick Membrane Adhesive	N/A	N/A	25-0505.05
	LiquiGard	N/A	N/A	N/A



NEMO EVALUATIONS REPORT

Report No.: NER-AMZ-001.B.R4
Revision 4: 2026-06-09

Amrize Building Envelope LLC (Elevate)

FL10264-R23



ISO/IEC 17065

PCA-145

NEMO | cert.® Page 4 of 124

TABLE 2 (CONTINUED): ACCESSORY COMPONENTS (4.1.4) (Refer to NOA if listed version was superseded to ensure use of latest version)				
TYPE	ELEVATE PRODUCT	ACCEPTABLE ALTERNATE	FBC	NOA
INSULATION:	ISOGARD GL	ISO 95+ GL	FL35402	25-1023.17
	ISOGARD CG	RESISTA	FL35402	25-1023.17
	ISOGARD HD	N/A	FL35402	25-1023.17
	ISOGARD HD Composite	N/A	N/A	N/A
	ISOGARD HG	HailGard	N/A	N/A
	N/A	Insulfoam EPS	FL29563	24-1015.10
	N/A	Styrofoam Brand Roofmate	FL38732	23-1121.01
	N/A	Styrofoam Brand Highload 60	FL38732	23-1121.01
	N/A	Structodek High Density Fiberboard Roof Insulation	FL13792	23-0623.03
	N/A	DensDeck Roof Board	FL1250	22-1223.04
	N/A	DensDeck Prime Roof Board	FL1250	22-1223.04
	N/A	DensDeck StormX Prime Roof Board	FL1250	22-1223.04
	N/A	DEXcell FA Glass Mat Roof Board	FL17840	25-0722.11
	N/A	DEXcell Cement Roof Board	FL17840	25-0722.11
	N/A	SECUROCK Gypsum-Fiber Roof Board	FL4264	25-1017.02
	N/A	H-Shield CG	FL5968	24-1021.04
	N/A	ENRGY 3	FL4205	24-0610.04
	N/A	ACFoam-II	FL17989	24-1120.02
	N/A	Celcore Cellular Concrete	FL2037	24-0906.02
	N/A	Elastizell Lightweight Insulating Concrete	FL4994	23-0817.05
	N/A	Insulcel	N/A	24-0514.06
	N/A	Mearlcrete	FL13492	24-0514.06
	N/A	NVS	N/A	23-1219.03
ROOFING FASTENERS:	Elevate All-Purpose Fastener	N/A	N/A	N/A
	Elevate All-Purpose S Fastener	N/A	N/A	N/A
	Elevate #12 Fastener	N/A	N/A	N/A
	Elevate Pre-Assembled Fastener	N/A	N/A	N/A
	Elevate Heavy Duty Fastener	N/A	N/A	N/A
	Elevate HD Plus Fastener	N/A	N/A	N/A
	Elevate Concrete Drive Fastener	N/A	N/A	N/A
	Elevate Purlin Fastener	N/A	N/A	N/A
	HailGard Fastener (steel only)	N/A	N/A	N/A
	Two Piece Locking Nail	N/A	N/A	N/A
	Elevate HD Plus Seam Plate	N/A	N/A	N/A
	Elevate HD Seam Plate	N/A	N/A	N/A
	Elevate UltraPly TPO Barbed Seam Plate	N/A	N/A	N/A
	Elevate UltraPly TPO InvisiWeld Plate	N/A	N/A	N/A
	Elevate UltraPly TPO Wide Weld Seam Plate	N/A	N/A	N/A
	Elevate Insulation Fastening Plate	N/A	N/A	N/A
	Elevate Polymer Batten Strip	N/A	N/A	N/A
	Elevate Coiled Metal Batten Strip	N/A	N/A	N/A
	Elevate Retro Driller	N/A	N/A	N/A
	Versa-Fast Fastener V19	N/A	N/A	N/A
	Versa-Fast Metal Plate V19	N/A	N/A	N/A

[BACK TO TOP](#)

[LINK TO TOP OF ATTACHMENT REQUIREMENTS](#)

©NEMO. All rights reserved.



NEMO EVALUATIONS REPORT

Report No.: NER-AMZ-001.B.R4

Revision 4: 2026-06-09

Amrize Building Envelope LLC (Elevate)

FL10264-R23



ISO/IEC 17065

PCA-145

Page 5 of 124

TABLE 2 (CONTINUED): ACCESSORY COMPONENTS (4.1.4) (Refer to NOA if listed version was superseded to ensure use of latest version)				
TYPE	ELEVATE PRODUCT	ACCEPTABLE ALTERNATE	FBC	NOA
PRIMERS:	V-Force SB Primer	N/A	N/A	N/A
	V-Force WB Primer	N/A	N/A	N/A
	Single-Ply QuickPrime Primer	N/A	N/A	25-0505.05
	Elevate UltraPly TPO QuickPrime	N/A	N/A	N/A
ROLL GOODS:	Elevate UltraPly TPO QuickSeam Flashing	N/A	N/A	25-0822.01
	Elevate UltraPly QuickSeam R.M.A. Strips	N/A	N/A	25-0822.01
VAPOR BARRIERS:	V-Force Vapor Barrier	N/A	N/A	N/A
	V-Force FR	N/A	N/A	N/A
	V-Force P	N/A	N/A	N/A

3. INSTALLATION:

3.1 **Elevate UltraPly TPO Roof Systems** shall be installed in accordance with **Amrize Building Envelope LLC** published installation instructions, subject to the [Limitations of Use](#) noted herein.

3.1.1 **Fasteners:** Unless otherwise noted, fasteners and stress plates shall be as follows. Recessed plates are not for use with hardboard (e.g., gypsum-based or cement) insulations. Fasteners shall be of sufficient length for the following engagements.

TABLE 3: FASTENER REFERENCES		
ROOF DECK	PARTS	FASTENER ENGAGEMENT
WOOD, ENGINEERED SHEATHING OR PLANK	Elevate #12 Fastener, Elevate All-Purpose Fastener or Heavy-Duty Fastener with Elevate Insulation Fastening Plate	Min. ¾-inch penetration (engineered sheathing) or min. 1-inch embedment (plank)
STEEL	Elevate #12 Fastener, All-Purpose Fastener, All-Purpose S Fastener or Heavy-Duty Fastener with Elevate Insulation Fastening Plate	Minimum ¾-inch penetration
STRUCTURAL CONCRETE	Elevate Heavy-Duty or Concrete Drive Fastener with Elevate Insulation Fastening Plate	Non-HVHZ: Min. 1-inch embedment HVHZ: Min. 1.25-inch embedment

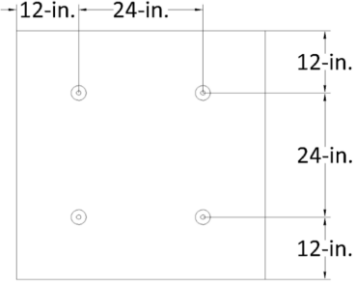
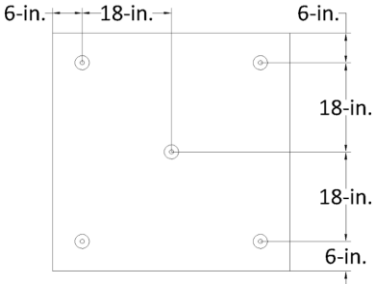
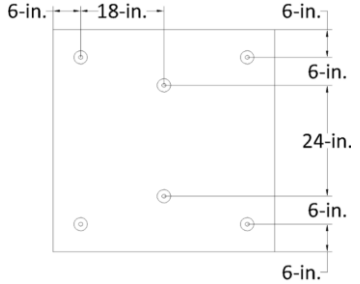
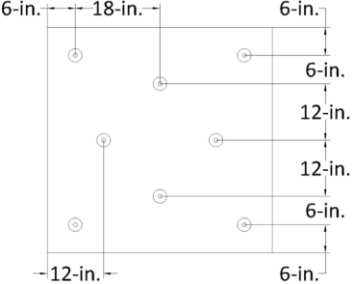
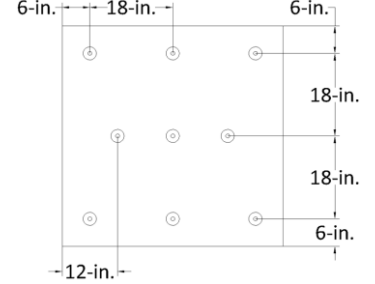
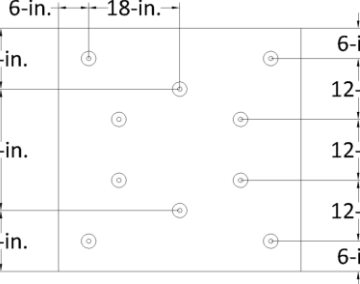
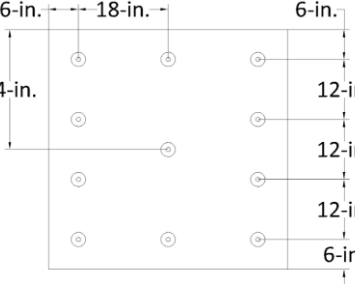
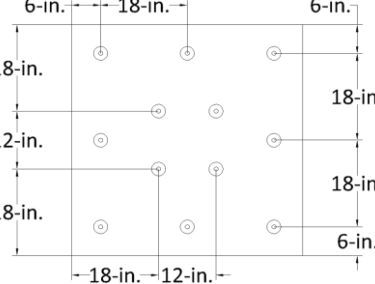
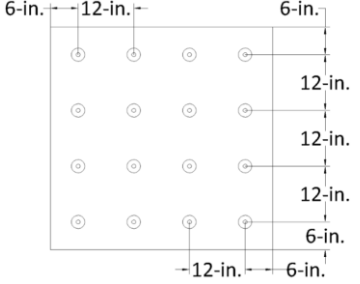
3.1.2 Insulation:

- Unless otherwise noted, insulation may be any one layer or combination of Approved board(s) that meet IBC 1505, IBC R902, CBC 1505, CRC R902, FBC 1505 or FBC HVHZ 1516 and, for foam plastic, FBC Chapter 26, when installed with the roof cover.
- For Structural Concrete Deck or Recover Applications using System Type C-1 the base insulation layer is optional, and using System Type C-2, D-1 or D-2, the insulation is optional. Alternatively, an Approved insulation board or coverboard may be used as a separation layer. Board products shall be preliminarily attached prior to roof cover installation, see Section [3.1.2\(f\)](#). The separator component shall be documented as meeting IBC, CBC, or FBC 1505 or FBC HVHZ 1516 and, for foam plastic, IBC, CBC, or FBC Chapter 26, when installed with the roof cover in Recover applications.
- Minimum 200 psi, minimum 2-inch thick Approved lightweight insulating concrete may be substituted for, or installed below, rigid insulation board for System Types B-1, C-1, C-2, D-1 or D-2, whereby fasteners are installed through the lightweight insulating concrete to engage the structural deck. The structural deck shall be of equal or greater type, thickness and strength to the steel and structural concrete deck listings. Roof decks and structural members shall be in accordance with applicable Code requirements to the satisfaction of the Authority Having Jurisdiction. This is a wind uplift resistance allowance and does not purport to address non-wind-uplift-related issues, such as deck venting or moisture levels within the LWIC and the potential effect on overlying components.

(d) **Florida Specific:** Lightweight insulating concrete (LWIC) shall be cast in accordance with FBC 1917 to the satisfaction of the Authority Having Jurisdiction. For systems where specific LWIC is referenced, refer to current LWIC [Florida Product Approval](#) or [NOA](#) 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 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.

(e) Unless otherwise noted, rigid board insulation or coverboard attachment patterns for Type B-1, B-2 and C-1 systems are as outlined below.

TABLE 4A: INSULATION ATTACHMENT PATTERNS – 4x4 FT BOARDS

1 per 4.0 ft ² (4 per board)	1 per 3.2 ft ² (5 per board)	1 per 2.7 ft ² (6 per board)
		
1 per 2.0 ft ² (8 per board)	1 per 1.8 ft ² (9 per board)	1 per 1.6 ft ² (10 per board)
		
1 per 1.45 ft ² (11 per board)	1 per 1.3 ft ² (12 per board)	1 per 1.0 ft ² (16 per board)
		



NEMO EVALUATIONS REPORT

Report No.: NER-AMZ-001.B.R4
Revision 4: 2026-06-09

Amrize Building Envelope LLC (Elevate)

FL10264-R23



ISO/IEC 17065

PCA-145

TABLE 4B: INSULATION ATTACHMENT PATTERNS – 4x8 FT BOARDS

1 per 5.30 ft ² (6 per board)	1 per 4.0 ft ² (8 per board)	1 per 3.2 ft ² (10 per board)	1 per 2.7 ft ² (12 per board)
1 per 2.3 ft ² (14 per board)	1 per 2.1 ft ² (15 per board)	1 per 2.0 ft ² (16 per board)	1 per 1.8 ft ² (18 per board)
1 per 1.6 ft ² (20 per board)	1 per 1.45 ft ² (22 per board)	1 per 1.3 ft ² (24 per board)	1 per 1.0 ft ² (32 per board)



NEMO EVALUATIONS REPORT

Report No.: NER-AMZ-001.B.R4
Revision 4: 2026-06-09

Amrize Building Envelope LLC (Elevate)

FL10264-R23



ISO/IEC 17065

PCA-145

NEMO | cert.® Page 8 of 124

(f) Preliminary insulation attachment for Type D-1 or D-2 systems:

- IBC, CBC, or FBC Non-HVHZ: Unless otherwise noted, use Approved roofing fasteners and plates and refer to Section 2.2.10.1.3 of [FM Loss Prevention Data Sheet 1-29](#).
- FBC HVHZ: Unless otherwise noted, use FBC HVHZ Approved roofing fasteners and plates; minimum four fasteners per 4 x 8 ft board or minimum two fasteners per 4 x 4 ft board.

(g) In addition to [Table 2](#), the following products are interchangeable within the scope of this NER:

TABLE 4C: ACCEPTABLE ALTERNATES		
SUB-CATEGORY	LISTED PRODUCT	ALTERNATE PRODUCT
ROOFING INSULATION	ISOGARD GL	ISO 95+ GL, RESISTA or ISOGARD CG
	ISOGARD CG	RESISTA
	ISOGARD HG	HailGard
	DensDeck Prime	DensDeck StormX Prime Roof Board

3.1.3 Insulation Adhesives:

(a) Unless otherwise noted, insulation adhesive application rate is continuous ribbons, maximum 12-inch o.c. Ribbons shall be applied and insulation boards shall be set in accordance with the manufacturer's published instructions. When multiple layer(s) of insulation and/or coverboard are installed in ribbon-applied adhesive, boards shall be staggered from layer-to-layer. 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. Concrete deck shall be primed with ASTM D41 primer prior to asphalt-application.

TABLE 5A: INSULATION ADHESIVE REFERENCES		
ADHESIVE	REFERENCE	MINIMUM RATE
ASTM D312, Type IV hot asphalt	N/A	Full-coverage at 25-30 lbs/square
I.S.O. Spray R	N/A	Continuous 0.5 to 0.75-inch ribbons, 12-inch o.c.
I.S.O. Stick	N/A	Continuous 0.75 to 1-inch ribbons, 12-inch o.c.
I.S.O. Twin Pack	N/A	Continuous 0.5 to 0.75-inch ribbons, 12-inch o.c.
Twin Jet	N/A	Continuous 1.0 to 1.5-inch ribbons, 12-inch o.c.
Twin Jet Y	Twin Jet Y (RIBBON-1)	Continuous 1.0 to 2.5-inch ribbons, 12-inch o.c.
Twin Jet Y	Twin Jet Y (RIBBON-2)	Continuous 2.5 to 3.5-inch ribbons, 12-inch o.c.
Twin Jet Y	Twin Jet Y (SPATTER)	2.85 lbs/square
Polyset Board Max	Polyset Board Max (SPATTER)	2.85 lbs/square
FAST Dual Tank Adhesive	N/A	Full-spray at 1 gal./sq.

(b) The following insulation adhesives may be 'spatter-applied' in lieu of ribbon applied, with the following Maximum Design Pressure (MDP) limitations. In no case shall these values be used to add/amend insulation options or 'increase' the MDP listings in the tables; rather, if a board-stock option is listed in both your selected system and in the summary below, and if the MDP listing in the summary below meets or exceeds that of your selected system, then the 'spatter-application' is permissible in lieu of the ribbon-application.

TABLE 5B: INSULATION ADHESIVE REFERENCES, SPATTER-APPLIED, RATES		
ADHESIVE		SPATTER-RATE
I.S.O. Spray R		0.55 to 0.75 gal/sq
Twin Jet		0.318 gal/sq
Twin Jet Y		2.85 lbs/sq
SPATTER-APPLIED, SUBSTRATES AND MDP LIMITATIONS		
DECK	BOARD STOCK OPTIONS	MDP (psf)
Steel	Structodek High Density Fiberboard Roof Insulation and/or DensDeck	-45.0
	ISOGARD GL, ISOGARD CG, ISOGARD HD, ISOGARD HD Composite, ISOGARD HG, DensDeck Prime and/or SECUROCK Gypsum-Fiber Roof Board	-127.5
Structural Concrete	Structodek High Density Fiberboard Roof Insulation and/or DensDeck	-142.5
	ISOGARD GL, ISOGARD CG, ISOGARD HD, ISOGARD HD Composite, ISOGARD HG, DensDeck Prime and/or SECUROCK Gypsum-Fiber Roof Board	-495.0
Wood, Cementitious Wood Fiber or Existing Gypsum	ISOGARD GL, ISOGARD CG, ISOGARD HD, ISOGARD HD Composite, ISOGARD HG, DensDeck, DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board and/or Structodek High Density Fiberboard Roof Insulation	-45.0



NEMO EVALUATIONS REPORT

Report No.: NER-AMZ-001.B.R4
Revision 4: 2026-06-09

Amrize Building Envelope LLC (Elevate)

FL10264-R23



ISO/IEC 17065

PCA-145

- (c) Unless otherwise noted, all adhered 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.

TABLE 6: MDP LIMITATIONS FOR TAPERED POLYISOCYANURATE INSULATIONS			
ADHESIVE	INSULATION	MIN. TAPERED THICKNESS (IN)	MDP (PSF)
I.S.O. Spray R	ISOGARD GL	0.5	-157.5
I.S.O. Stick, Twin Jet or Twin Jet Y		0.5	-187.5
I.S.O. Twin Pack		0.5	-157.5
Twin Jet Y		1.0	-117.5
Hot asphalt		0.5	-120.0
I.S.O. Spray R, I.S.O. Stick, Twin Jet or I.S.O. Twin Pack, 12-inch o.c.	ISOGARD CG	0.5	-165.0
Twin Jet Y		0.5	-217.5
I.S.O. Spray R, I.S.O. Stick, Twin Jet or I.S.O. Twin Pack, 6-inch o.c.		0.5	-405.0

- (d) Adhered Insulation, Board Size:

- IBC, CBC, or FBC Non-HVHZ: Unless otherwise noted, refer to Section 2.2.10.6.2 of [FM Loss Prevention Data Sheet 1-29](#).
- FBC HVHZ: Bonded polyisocyanurate insulation boards shall be maximum 4 x 4 ft.

3.1.4 Roof Covers:

- (a) For bonded membrane applications, unless otherwise noted, refer to the following.

TABLE 7: MEMBRANE / ADHESIVE COMBINATIONS				
REFERENCE	ELEVATE MEMBRANE	ELEVATE ADHESIVE	METHOD	RATE
BB-JBSA	Elevate UltraPly TPO, UltraPly TPO Platinum	Jet Bond Spray Adhesive	Contact (both sides)	1.75 to 2.2 lbs/sq with a 2 in. overlap to both the bottom surface of the roof cover and top surface of the substrate with a for a total of 3.5 to 4.4 lbs/sq.
BB-LVOC	Elevate UltraPly TPO, UltraPly TPO Platinum	Elevate Single-Ply LVOC Bonding Adhesive	Contact (both sides)	45 to 60 ft ² /gal
BB-LVOC-1168	Elevate UltraPly TPO, UltraPly TPO Platinum	Elevate Single-Ply LVOC Bonding Adhesive 1168	Contact (both sides)	45 to 60 ft ² /gal
BB-UPBA	Elevate UltraPly TPO, UltraPly TPO Platinum	Elevate UltraPly Bonding Adhesive	Contact (both sides)	45 to 60 ft ² /gal
SA	Elevate UltraPly TPO SA or UltraPly Platinum TPO SA	Self-adhering	N/A	Self-adhering
XR-HA	Elevate UltraPly TPO XR 100, UltraPly TPO XR 115 or UltraPly TPO XR 135	ASTM D312, Type IV hot asphalt	Wet lay (substrate)	Full-coverage, 25-30 lbs/square.
XR-ISOSR	Elevate UltraPly TPO XR 100, UltraPly TPO XR 115 or UltraPly TPO XR 135	I.S.O. Spray R	Wet lay (substrate)	RIBBON, X: Continuous ¾ to 1-inch wide ribbons, spaced as noted 'X' FULL: Spray applied to 1/8 – ¼" thick
XR-JBSA	Elevate UltraPly TPO XR 100, UltraPly TPO XR 115 or UltraPly TPO XR 135	Jet Bond Spray Adhesive	Contact (both sides)	2.5 to 2.7 lbs/sq with a 6 in. overlap to both the bottom surface of the roof cover and top surface of the substrate for a total of 5.0 to 5.4 lbs/sq.
XR-TJ	Elevate UltraPly TPO XR 100, UltraPly TPO XR 115 or UltraPly TPO XR 135	Twin Jet	Wet lay (substrate)	RIBBON, X: Continuous ribbons, spaced as noted 'X' or SPATTER: Spatter-pattern at 0.32 gal/square.
XR-TJY	Elevate UltraPly TPO XR 100, UltraPly TPO XR 115 or UltraPly TPO XR 135	Twin Jet Y	Wet lay (substrate)	RIBBON, X: Continuous ribbons, spaced as noted 'X' or SPATTER: Spatter-pattern at 2.85 lbs/square.
XR-XRBA	Elevate UltraPly TPO XR 100, UltraPly TPO XR 115 or UltraPly TPO XR 135	Elevate XR Bonding Adhesive	Wet lay (substrate)	70 to 90 ft ² /gal



NEMO EVALUATIONS REPORT

Report No.: NER-AMZ-001.B.R4
Revision 4: 2026-06-09

Amrize Building Envelope LLC (Elevate)

FL10264-R23



ISO/IEC 17065

PCA-145

NEMO | cert.® Page 10 of 124

TABLE 7: MEMBRANE / ADHESIVE COMBINATIONS

REFERENCE	ELEVATE MEMBRANE	ELEVATE ADHESIVE	METHOD	RATE
XR-XR5MA	Elevate UltraPly TPO XR 100, UltraPly TPO XR 115 or UltraPly TPO XR 135	Elevate XR Stick Membrane Adhesive	Wet lay (substrate)	RIBBON, X: Continuous ¾ to 1-inch wide ribbons, spaced as noted 'X'

- (b) For single-ply membranes in System Type D-1 steel deck applications, the roof membrane shall be run with its length perpendicular to the steel deck flutes. For membrane attachment using batten-strips, batten-strip end laps shall be spliced with sufficient dimension to allow for minimum 2-fasteners at each batten-strip lap.
- (c) 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.

3.1.5 Vapor Barrier:

- (a) For System Types B-1, B-2, C-1, C-2 or D-1, an optional thermal barrier and/or V-Force, V-Force FR or V-Force P, self-adhered, vapor barrier membranes may be installed atop the steel roof deck prior to installation of subsequent insulation components. Refer to [FM Loss Prevention Data Sheet 1-29](#) for design and installation limitations.
- (b) Refer to [section 4.3](#) herein for options where the vapor barrier forms part of the load path.

4. LIMITATIONS OF USE:

4.1 General:

- 4.1.1 This is a building code evaluation. NEMO CERT, LLC is not, in any way, the Designer of Record for any project on which this NER, or previous versions thereof, is/was used for permitting or design guidance. NERs are not to be construed as representing any attributes not specifically listed, nor are NERs to be construed as an endorsement of the subject of the report or a recommendation for its use. There is no warranty by NEMO CERT, LLC, express or implied, as to any finding or other matter in this report, or as to any product covered by the report.

4.1.2 Roof Decks:

- (a) This NER pertains to above-deck roof components. Roof decks and structural members shall be in accordance with FBC requirements to the satisfaction of the Authority Having Jurisdiction.
- (b) OSB sheathing is not permitted in FBC HVHZ jurisdictions.
- (c) Unless otherwise noted, reference to 'structural concrete' pertains to min. 2,500 psi structural concrete, and excludes 'structural lightweight concrete'.
- (d) **FBC HVHZ Specific:** The table below lists various 'as-tested' deck conditions in accordance with [Testing Application Standard TAS 114\(J\)](#). In no case shall these values be used to 'increase' the MDP listings for the selected systems; the lesser MDP applies.

TABLE 8: AS-TESTED DECK ATTACHMENT DETAILS (TAS 114, APPENDIX J)

TYPE	AS TESTED SUB-ASSEMBLY			
	SPAN (INCH O.C.)	FASTENER	SPACING (INCH O.C.)	MDP (PSF)
15/32-inch APA rated CDX plywood	24	0.113" x 2-3/8" ring shank nails	6	-67.5
19/32-inch APA rated CDX plywood	24	8d ring shank nails	6	-75.0
	24	#8 wood screws	6	-82.5
22 ga., Type B, Grade 33 steel	72	Traxx 5	6	-142.5
22 ga., Type B, Grade 40 steel	72	Traxx 5	6	-135.0
	72	Traxx 1	24	-135.0
22 ga., Type B, Grade 50 steel	72	#12 HWH Tek 5 with ¾" steel washers	6	-112.5
22 ga., Type B, Grade 56 steel	72	5/8 puddle welds	24	-67.5
22 ga., Type B, Grade 60 steel	72	5/8" puddle welds	6	-82.5
22 ga., Type B, Grade 80 steel	72	Two (2) #12 HWH Tek 5	6	-135.0
	72	#12 HWH Tek 5 with ¾" steel washers	6	-150.0
Note: Steel deck analysis is the responsibility of others to the satisfaction of the Authority Having Jurisdiction.				



NEMO EVALUATIONS REPORT

Report No.: NER-AMZ-001.B.R4
Revision 4: 2026-06-09

Amrize Building Envelope LLC (Elevate)

FL10264-R23



ISO/IEC 17065

PCA-145

4.1.3 Fire Classification:

- (a) Refer to **IBC, CBC, FBC 1505, FBC HVHZ 1516** and **UL TGFU.R9516** and the fire classification certificate for the roof cover manufacturer for requirements and limitations regarding roof assembly fire classification.
- (b) Refer to **IBC, CBC, or FBC 2603** for requirements and limitations concerning the use of foam plastic insulation.

4.1.4 Quality Assurance:

All components in the roof assembly shall have quality assurance surveillance in accordance with **F.A.C. Rule 61G20-3**. For components listed herein that are produced by a manufacturer other than the report holder on [Page 1](#) of this NER, refer to the [Florida Product Approval](#) or [NOA](#) of the component manufacturer.

4.2 Jurisdiction Specific:

	IBC, CBC, FBC Non-HVHZ	FBC HVHZ
4.2.1	This NER does not include evaluation of roof edge termination. Refer to IBC, CBC, FBC 1504.5 for requirements and limitations regarding edge securement for low-slope roofs.	This NER does not include evaluation of roof edge termination. Refer to RAS 111 for requirements and limitations regarding edge securement for low-slope roofs.
4.2.2	Refer to IBC, CBC, or FBC 1511 for requirements and limitations regarding recover installations.	Refer to FBC HVHZ 1521 for requirements and limitations regarding recover installations.
	(a) For mechanical attachment to existing roof decks, fasteners shall be tested for withdrawal resistance. A qualified design professional shall review the data for comparison to the minimum requirements for the system. Testing shall be in accordance with ANSI/SPRI FX-1 or TAS 105. For systems using Versa-Fast, the number of Versa-Fast Fasteners installed through the Versa-Fast Plate may be increased from the minimum noted in order to yield minimum required withdrawal resistance. (b) For adhered re-roof (tear off) installation, the existing substrate shall be examined for compatibility with the adhesive. If any surface conditions exist that bring system performance into question, field uplift testing in accordance with ANSI/SPRI IA-1, FM Loss Prevention Data Sheet 1-52 or TAS 124 shall be conducted on mock-ups of the proposed interface. (c) For adhered recover installation, the existing roof system shall meet project design pressure requirements on its own merit to the satisfaction of the Authority Having Jurisdiction, as documented through field uplift testing in accordance with FM Loss Prevention Data Sheet 1-52 or TAS 124.	For mechanical attachment to existing roof decks, fasteners shall be tested 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 TAS 105. For adhered re-roof (tear off) installation, the existing substrate 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 TAS 124 shall be conducted on mock-ups of the proposed interface. For adhered recover installation, the existing roof system shall meet project design pressure requirements on its own merit to the satisfaction of the Authority Having Jurisdiction, as documented through field uplift testing in accordance with TAS 124.
4.2.3	Wind Load Resistance:	
	(a) Refer to Section 4.3 for a tabulated summary of assembly listings and maximum allowable design pressures. (b) "MDP" = Maximum Design Pressure is the result of testing for wind load resistance based on allowable wind loads, and reflects the ultimate passing pressure divided by 2 (the 2 to 1 margin of safety per FBC 1504.9 has already been applied). Refer to IBC, CBC, or FBC 1609 for determination of design wind loads. (c) The MDP for the selected assembly shall meet or exceed at least the Zone 1 PRIME design pressure determined in accordance with IBC, CBC, or FBC Chapter 16. Elevated pressure zones shall employ an attachment density designed by a qualified design professional to resist the elevated pressure criteria. Commonly used methods are ANSI/SPRI WD1, FM Loss Prevention Data Sheet 1-29, RAS 117 and RAS 137. Assemblies marked with an asterisk* carry the limitations set forth in Section 2.2.10.1 of FM Loss Prevention Data Sheet 1-29 for Zone 2/3 enhancements. (d) For fully-adhered installations, the maximum design pressure for the selected assembly shall meet or exceed the critical design pressure. Rational analysis is not permitted.	"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 TAS 114 has already been applied). Refer to FBC HVHZ 1620 or RAS 128 for determination of design wind loads. Assemblies having a MDP < 45.0 psf are not permitted in FBC HVHZ jurisdictions. The MDP for the selected assembly shall meet or exceed at least the Zone 1 PRIME design pressure determined in accordance with FBC HVHZ 1620 or 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 RAS 117 or RAS 137. 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.



4.3 System Listings and Allowable Design Pressures: See [Section 4.2.3](#)

4.3.1 **Thermal Barriers / Vapor Barrier:** The lesser of the MDP listings below vs. that for the selected roof assembly from [Section 4.3.2](#) applies.

(a) **Structural Concrete Decks:**

TABLE VB-1: STRUCTURAL CONCRETE DECK VAPOR BARRIER FOLLOWED BY ADHERED INSULATION					
OPTION #	PRIMER	VAPOR BARRIER		ADHESIVE (3.1.3) PER TABLE 11A	MDP (psf)
		TYPE	APPLICATION		
C-VB-1.	ASTM D41	Base Ply: MB Base, SBS Base, SBS PolyBase, SBS Premium Base, SBS Premium Poly Base, APP 160 Cool, APP 170 Cool	Multi-Purpose MB Cold Adhesive, 1.5-2.0 gal/sq.	Multi-Purpose MB Cold Adhesive	-67.5
C-VB-2.	None	SBS Base, SBS PolyBase, SBS Premium Base, SBS Premium Poly Base	LiquiGard, 1.5-2.0 gal/sq.	I.S.O. Spray R	-240.0
C-VB-3.	None	SBS Base, SBS PolyBase, SBS Premium Base, SBS Premium Poly Base	LiquiGard, 1.5-2.0 gal/sq.	I.S.O. Twin Pack	-240.0
C-VB-4.	ASTM D41	MB Base	I.S.O. Twin Pack, 4" o.c.	I.S.O. Twin Pack	-232.5
C-VB-5.	ASTM D41	1 or 2 plies Ply IV or Ply VI or 1 ply MB Base, SBS Base, SBS Polybase or SBS Premium Base	Hot asphalt	Hot asphalt	-120.0
C-VB-6.	ASTM D41	1 or 2 plies Ply IV or Ply VI or 1 ply MB Base, SBS Base, SBS Polybase or SBS Premium Base	Hot asphalt	I.S.O. Spray R or I.S.O. Twin Pack	-495.0
C-VB-7.	ASTM D41	SBS Poly Torch Base, SBS Glass Torch Base, SBS Glass Torch Base 1.5, SBS Smooth	Torch-applied	I.S.O. Spray R or I.S.O. Twin Pack	-495.0
C-VB-8.	ASTM D41	MB Base, SBS, Base, SBS PolyBase, SBS Premium Base or SBS Premium Poly Base	Hot asphalt	Twin Jet, 4-inch o.c.	-337.5
C-VB-9.	ASTM D41	SBS Poly Torch Base, SBS Glass Torch Base, SBS Glass Torch Base 1.5, SBS Smooth	Torch-applied	Twin Jet, 4-inch o.c.	-337.5
C-VB-10.	V-Force SB Primer	V-Force Vapor Barrier	Self-adhering	I.S.O. Spray R	-255.0
C-VB-11.	V-Force SB Primer	V-Force Vapor Barrier	Self-adhering	I.S.O. Stick or Twin Jet	-262.5
C-VB-12.	V-Force SB Primer	V-Force Vapor Barrier	Self-adhering	I.S.O. Twin Pack	-255.0
C-VB-13.	V-Force SB Primer	V-Force Vapor Barrier	Self-adhering	Twin Jet Y	-217.5
C-VB-14.	None	V-Force FR	Self-adhering	I.S.O. Spray R, I.S.O. Twin Pack, I.S.O. Stick, Twin Jet or Twin Jet Y	-185.0
C-VB-15.	None	V-Force FR	Self-adhering	I.S.O. Spray R, I.S.O. Twin Pack, or Twin Jet Y, 6-inch o.c.	-202.5
C-VB-16.	None	V-Force P	Self-adhering	I.S.O. Spray R or I.S.O. Twin Pack	-135.0
C-VB-17.	None	V-Force FR	Self-adhering	I.S.O. Spray R or I.S.O. Twin Pack	-137.5
C-VB-18.	Millennium Sprayable Single-Ply Bonding Adhesive	V-Force P	Self-adhering	I.S.O. Spray R or I.S.O. Twin Pack	-222.5
C-VB-19.	Millennium Sprayable Single-Ply Bonding Adhesive	V-Force FR	Self-adhering	I.S.O. Spray R or I.S.O. Twin Pack	-250.0



(b) Deck followed by Vapor Barrier followed by Lightweight Concrete (LWC):

TABLE VB-2: DECK FOLLOWED BY VAPOR BARRIER FOLLOWED BY LIGHTWEIGHT CONCRETE (LWC)					
OPTION #	DECK (4.1.2)	PRIMER	VAPOR BARRIER		MDP (psf)
			TYPE	APPLICATION	
LWC-VB-1.	Structural concrete	None	V-Force P	Self-adhering	-235.0

**NEMO EVALUATIONS REPORT**

Report No.: NER-AMZ-001.B.R4

Revision 4: 2026-06-09

Page 14 of 124

Amrize Building Envelope LLC (Elevate)

FL10264-R23



ISO/IEC 17065

PCA-145

4.3.2 Roof Assemblies:**APPENDIX 1: ATTACHMENT REQUIREMENTS FOR WIND UPLIFT RESISTANCE**

TABLE	DECK	APPLICATION	TYPE	DESCRIPTION	PAGE
9A	Wood	New, Reroof (Tear-Off)	A-1	Bonded Insulation(s), Bonded Roof Cover	15
9B	Wood	New, Reroof (Tear-Off)	A-2	Bonded Vapor/Air Barrier, Bonded Insulation(s), Bonded Roof Cover	17
9C	Wood	New, Reroof (Tear-Off), Recover	B-2	Mechanically Attached Thermal Barrier, Bonded Vapor/Air Barrier, Bonded Insulation(s), Bonded Roof Cover	20
9D	Wood	New, Reroof (Tear-Off), Recover	C-1	Mechanically Attached Insulation, Bonded Roof Cover	26
9E	Wood	New, Reroof (Tear-Off), Recover	C-2	Mechanically Attached Insulation, Induction-Welded Roof Cover	30
9F	Wood	New, Reroof (Tear-Off), Recover	D-1	Insulated, Mechanically Attached Roof Cover (Stress Plates)	31
9G	Wood	New, Reroof (Tear-Off), Recover	D-1	Insulated, Mechanically Attached Roof Cover (Batten Strips)	32
9H	Wood	New, Reroof (Tear-Off), Recover	E-1	Non-Insulated, Mechanically Attached Roof Cover	33
9I	Wood	New, Reroof (Tear-Off), Recover	F	Non-Insulated, Bonded Roof Cover	33
10A	Steel	New, Reroof (Tear-Off)	A-1	Bonded Insulation(s), Bonded Roof Cover	33
10B	Steel	New, Reroof (Tear-Off)	A-2	Bonded Vapor Barrier/Air Barrier, Bonded Insulation(s), Bonded Roof Cover	34
10C	Steel	New, Reroof (Tear-Off)	A-3	Bonded Thermal Barrier, Bonded Vapor Barrier/Air Barrier, Bonded Insulation(s), Bonded Roof Cover	37
10D	Steel or Structural concrete	New, Reroof (Tear-Off), Recover	B-1	Mechanically Attached Base Insulation, Bonded Top Insulation(s), Bonded Roof Cover	39
10E	Steel or Structural concrete	New, Reroof (Tear-Off), Recover	B-2	Mechanically Attached Base Insulation, Bonded Vapor/Air Barrier, Bonded Insulation(s), Bonded Roof Cover	48
10F	Steel	New, Reroof (Tear-Off), Recover	B-2	Mechanically Attached Thermal Barrier, Bonded Vapor/Air Barrier, Bonded Insulation(s), Bonded Roof Cover	51
10G	Steel or Structural concrete	New, Reroof (Tear-Off), Recover	C-1	Mechanically Attached Insulation, Bonded Roof Cover	53
10H	Steel or Structural concrete	New, Reroof (Tear-Off), Recover	C-2	Mechanically Attached Insulation, Induction-Welded Roof Cover	64
10I	Steel or Structural concrete	New, Reroof (Tear-Off), Recover	D-1	Insulated, Mechanically Attached Roof Cover (Stress Plates)	65
10J	Steel or Structural concrete	New, Reroof (Tear-Off), Recover	D-1	Insulated, Mechanically Attached Roof Cover (Batten Strips)	69
10K	Steel or Structural concrete	New, Reroof (Tear-Off), Recover	D-2	Insulated, Mechanically Attached Base Sheet, Bonded Roof Cover	71
11A	Structural concrete	New, Reroof (Tear-Off)	A-1	Bonded Insulation(s), Bonded Roof Cover	72
11B	Structural concrete	New, Reroof (Tear-Off)	A-2	Bonded Vapor/Air Barrier, Bonded Insulation(s), Bonded Roof Cover	88
11C	Structural concrete	New, Reroof (Tear-Off)	F	Non-Insulated, Bonded Roof Cover	90
12A	Deck with Lightweight Concrete	New, Reroof (Tear-Off)	A-1	Bonded Insulation(s), Bonded Roof Cover	91
12B	Deck with Lightweight Concrete	New, Reroof (Tear-Off)	F	LWC-To-Deck, Bonded Roof Cover	100
13A	Cementitious Wood Fiber	Reroof (Tear-Off)	A-1	Bonded Insulation(s), Bonded Roof Cover	102
13B	Cementitious Wood Fiber	New, Reroof (Tear-Off), Recover	B-3	Mechanically Attached Anchor Sheet, Bonded Insulation(s), Bonded Roof Cover	103
14A	Existing Gypsum	Reroof (Tear-Off)	A-1	Bonded Insulation(s), Bonded Roof Cover	104
14B	Existing Gypsum	New, Reroof (Tear-Off), Recover	B-3	Mechanically Attached Anchor Sheet, Bonded Insulation(s), Bonded Roof Cover	106
14C	Existing Gypsum	Reroof (Tear-Off)	F	Non-Insulated, Bonded Roof Cover	106
15A	Various	Recover	A-1	Bonded Insulation(s), Bonded Roof Cover	107
15B	Steel	Recover	C-2	Mechanically Attached Insulation, Induction-Welded Roof Cover	121
15C	Steel	Recover	D-1	Insulated, Mechanically Attached Roof Cover	122
15D	Steel	Recover	D-1	Insulated, Mechanically Attached Roof Cover (RMA Strips)	123
15E	Steel	Recover	E-1	Non-Insulated, Mechanically Attached Roof Cover	123
15F	Various	Recover	F	Non-Insulated, Bonded Roof Cover	123

**NEMO EVALUATIONS REPORT**

Report No.: NER-AMZ-001.B.R4

Revision 4: 2026-06-09

Page 15 of 124

Amrize Building Envelope LLC (Elevate)

FL10264-R23



ISO/IEC 17065 PCA-145

TABLE 9A: WOOD DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER
NOT FOR USE IN HVHZ JURISDICTIONS

SYSTEM No.	DECK (4.1.2)	BASE INSULATION LAYER		TOP INSULATION LAYER(S)		ROOF COVER (3.1.4)	MDP (PSF)
		TYPE	ATTACH (3.1.3)	TYPE	ATTACH (3.1.3)		
ELEVATE ULTRAPLY TPO SYSTEMS:							
W-1.	OSB, APA rated, 7/16 CAT, 0.418-in. thick, Exposure 1 or Plywood, 15/32-in., span rating 32/16, Grade CDX, APA rated, 4-ply at 24-in. span, fastened with #8 wood screws, 6-in. o.c. to nominal 2x10 SYP lumber at 24-in. o.c., two (2) per joist.	Min. 1.5-inch Elevate ISOGARD GL or ISOGARD CG	I.S.O. Spray R, I.S.O. Stick, I.S.O. Twin Pack, Twin Jet, Twin Jet Y	(Optional) Additional Layer(s) base insulation	I.S.O. Spray R, I.S.O. Stick, I.S.O. Twin Pack, Twin Jet, Twin Jet Y	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-45.0
W-2.	OSB, APA rated, 7/16 CAT, 0.418-in. thick, Exposure 1 or Plywood, 15/32-in., span rating 32/16, Grade CDX, APA rated, 4-ply at 24-in. span, fastened with #8 wood screws, 6-in. o.c. to nominal 2x10 SYP lumber at 24-in. o.c., two (2) per joist.	(Optional) Min. 1.5-inch Elevate ISOGARD GL or ISOGARD CG	I.S.O. Spray R, I.S.O. Stick, I.S.O. Twin Pack or Twin Jet	Insulation: (Optional) Additional layer(s) base insulation Coverboard: Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or 0.5-inch Elevate ISOGARD HD	I.S.O. Spray R, I.S.O. Stick, I.S.O. Twin Pack or Twin Jet	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-67.5
W-3.	OSB, APA rated, 7/16 CAT, 0.418-in. thick, Exposure 1 or Plywood, 15/32-in., span rating 32/16, Grade CDX, APA rated, 4-ply at 24-in. span, fastened with #8 wood screws, 6-in. o.c. to nominal 2x10 SYP lumber at 24-in. o.c., two (2) per joist.	Min. 0.25-inch DensDeck Prime	I.S.O. Spray R, I.S.O. Stick, I.S.O. Twin Pack, or Twin Jet	None	N/A	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-105.0
W-4.	OSB, APA rated, 7/16 CAT, 0.418-in. thick, Exposure 1 at 24-in. span, fastened with #8 wood screws, 6-in. o.c. to nominal 2x10 SYP lumber at 24-in. o.c., two (2) per joist.	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	I.S.O. Spray R, I.S.O. Stick, I.S.O. Twin Pack, or Twin Jet	None	N/A	BB-JBSA, BB-LVOC, BB-LVOC-1168, or BB-UPBA	-105.0
W-5.	Plywood, 15/32-in., span rating 32/16, Grade CDX, APA rated, 4-ply at 24-in. span, fastened with #8 wood screws, 6-in. o.c. to nominal 2x10 SYP lumber at 24-in. o.c., two (2) per joist.	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	I.S.O. Spray R, I.S.O. Stick, I.S.O. Twin Pack, or Twin Jet	None	N/A	BB-JBSA, BB-LVOC, BB-LVOC-1168, or BB-UPBA	-157.5
ELEVATE ULTRAPLY TPO XR SYSTEMS:							
W-6.	OSB, APA rated, 7/16 CAT, 0.418-in. thick, Exposure 1 or Plywood, 15/32-in., span rating 32/16, Grade CDX, APA rated, 4-ply at 24-in. span, fastened with #8 wood screws, 6-in. o.c. to nominal 2x10 SYP lumber at 24-in. o.c., two (2) per joist.	Min. 1.5-inch Elevate ISOGARD GL or ISOGARD CG	I.S.O. Spray R, I.S.O. Stick, I.S.O. Twin Pack, or Twin Jet	(Optional) Additional Layer(s) base insulation	I.S.O. Spray R, I.S.O. Stick, I.S.O. Twin Pack, or Twin Jet	XR-ISOSR (FULL), XR-TJ (SPATTER) or XR-TJY (SPATTER)	-45.0
W-7.	OSB, APA rated, 7/16 CAT, 0.418-in. thick, Exposure 1 or Plywood, 15/32-in., span rating 32/16, Grade CDX, APA rated, 4-ply at 24-in. span, fastened with #8 wood screws, 6-in. o.c. to nominal 2x10 SYP lumber at 24-in. o.c., two (2) per joist.	(Optional) Min. 1.5-inch Elevate ISOGARD GL or ISOGARD CG	I.S.O. Spray R, I.S.O. Stick, I.S.O. Twin Pack, or Twin Jet	Insulation: (Optional) Additional layer(s) base insulation Coverboard: Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or 0.5-inch Elevate ISOGARD HD	I.S.O. Spray R, I.S.O. Stick, I.S.O. Twin Pack or Twin Jet	XR-TJY (SPATTER)	-45.0

**NEMO EVALUATIONS REPORT**

Report No.: NER-AMZ-001.B.R4

Revision 4: 2026-06-09

Page 16 of 124

Amrize Building Envelope LLC (Elevate)

FL10264-R23



ISO/IEC 17065

PCA-145

TABLE 9A: WOOD DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER
NOT FOR USE IN HVHZ JURISDICTIONS

SYSTEM NO.	Deck (4.1.2)	BASE INSULATION LAYER		TOP INSULATION LAYER(S)		ROOF COVER (3.1.4)	MDP (PSF)
		TYPE	ATTACH (3.1.3)	TYPE	ATTACH (3.1.3)		
W-8.	OSB, APA rated, 7/16 CAT, 0.418-in. thick, Exposure 1 at 24-in. span, fastened with #8 wood screws, 6-in. o.c. to nominal 2x10 SYP lumber at 24-in. o.c., two (2) per joist.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	I.S.O. Spray R, I.S.O. Stick, I.S.O. Twin Pack, or Twin Jet	None	N/A	XR-TJY (SPATTER)	-45.0
W-9.	Plywood, 15/32-in., span rating 32/16, Grade CDX, APA rated, 4-ply at 24-in. span, fastened with #8 wood screws, 6-in. o.c. to nominal 2x10 SYP lumber at 24-in. o.c., two (2) per joist.	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	I.S.O. Spray R, I.S.O. Stick, I.S.O. Twin Pack, or Twin Jet	None	N/A	XR-TJY (SPATTER)	-45.0
W-10.	OSB, APA rated, 7/16 CAT, 0.418-in. thick, Exposure 1 or Plywood, 15/32-in., span rating 32/16, Grade CDX, APA rated, 4-ply at 24-in. span, fastened with #8 wood screws, 6-in. o.c. to nominal 2x10 SYP lumber at 24-in. o.c., two (2) per joist.	(Optional) Min. 1.5-inch Elevate ISOGARD GL or ISOGARD CG	I.S.O. Spray R, I.S.O. Stick, I.S.O. Twin Pack, or Twin Jet	Insulation: (Optional) Additional layer(s) base insulation Coverboard: Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or 0.5-inch Elevate ISOGARD HD	I.S.O. Spray R, I.S.O. Stick, I.S.O. Twin Pack or Twin Jet	XR-ISOSR (FULL) or XR-TJ (SPATTER)	-67.5
W-11.	OSB, APA rated, 7/16 CAT, 0.418-in. thick, Exposure 1 at 24-in. span, fastened with #8 wood screws, 6-in. o.c. to nominal 2x10 SYP lumber at 24-in. o.c., two (2) per joist.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	I.S.O. Spray R, I.S.O. Stick, I.S.O. Twin Pack, or Twin Jet	None	N/A	XR-ISOSR (FULL) or XR-TJ (SPATTER)	-105.0
W-12.	Plywood, 15/32-in., span rating 32/16, Grade CDX, APA rated, 4-ply at 24-in. span, fastened with #8 wood screws, 6-in. o.c. to nominal 2x10 SYP lumber at 24-in. o.c., two (2) per joist.	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	I.S.O. Spray R, I.S.O. Stick, I.S.O. Twin Pack, or Twin Jet	None	N/A	XR-ISOSR (FULL) or XR-TJ (SPATTER)	-157.5
ELEVATE ULTRAPLY TPO SA SYSTEMS:							
W-13.	OSB, APA rated, 7/16 CAT, 0.418-in. thick, Exposure 1 or Plywood, 15/32-in., span rating 32/16, Grade CDX, APA rated, 4-ply at 24-in. span, fastened with #8 wood screws, 6-in. o.c. to nominal 2x10 SYP lumber at 24-in. o.c., two (2) per joist.	Min. 1.5-inch Elevate ISOGARD GL or ISOGARD CG	I.S.O. Spray R, I.S.O. Stick, I.S.O. Twin Pack, or Twin Jet	(Optional) Additional Layer(s) base insulation	I.S.O. Spray R, I.S.O. Stick, I.S.O. Twin Pack or Twin Jet	SA	-45.0
W-14.	OSB, APA rated, 7/16 CAT, 0.418-in. thick, Exposure 1 or Plywood, 15/32-in., span rating 32/16, Grade CDX, APA rated, 4-ply at 24-in. span, fastened with #8 wood screws, 6-in. o.c. to nominal 2x10 SYP lumber at 24-in. o.c., two (2) per joist.	(Optional) Min. 1.5-inch Elevate ISOGARD GL or ISOGARD CG	I.S.O. Spray R, I.S.O. Stick, I.S.O. Twin Pack, or Twin Jet	Insulation: (Optional) Additional layer(s) base insulation Coverboard: Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or 0.5-inch Elevate ISOGARD HD	I.S.O. Spray R, I.S.O. Stick, I.S.O. Twin Pack or Twin Jet	SA	-67.5
W-15.	OSB, APA rated, 7/16 CAT, 0.418-in. thick, Exposure 1 at 24-in. span, fastened with #8 wood screws, 6-in. o.c. to nominal 2x10 SYP lumber at 24-in. o.c., two (2) per joist.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	I.S.O. Spray R, I.S.O. Stick, I.S.O. Twin Pack, or Twin Jet	None	N/A	SA	-105.0

**NEMO EVALUATIONS REPORT**

Report No.: NER-AMZ-001.B.R4

Revision 4: 2026-06-09

Page 17 of 124

Amrize Building Envelope LLC (Elevate)

FL10264-R23



ISO/IEC 17065

PCA-145

**TABLE 9A: WOOD DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER****NOT FOR USE IN HVHZ JURISDICTIONS**

SYSTEM NO.	DECK (4.1.2)	BASE INSULATION LAYER		TOP INSULATION LAYER(S)		ROOF COVER (3.1.4)	MDP (PSF)
		TYPE	ATTACH (3.1.3)	TYPE	ATTACH (3.1.3)		
W-16.	Plywood, 15/32-in., span rating 32/16, Grade CDX, APA rated, 4-ply at 24-in. span, fastened with #8 wood screws, 6-in. o.c. to nominal 2x10 SYP lumber at 24-in. o.c., two (2) per joist.	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	I.S.O. Spray R, I.S.O. Stick, I.S.O. Twin Pack or Twin Jet	None	N/A	SA	-157.5

**TABLE 9B: WOOD DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-2: BONDED VAPOR/AIR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER****NOT FOR USE IN HVHZ JURISDICTIONS**

SYSTEM No.	DECK (4.1.2)	VAPOR OR AIR BARRIER	BASE INSULATION LAYER		TOP INSULATION LAYER(S)		ROOF COVER (3.1.4)	MDP (PSF)
			TYPE	ATTACH (3.1.3)	TYPE	ATTACH (3.1.3)		
ELEVATE ULTRAPLY TPO SYSTEMS:								
W-17.	Min. 15/32-inch APA rated CDX 4-ply plywood	V-Force FR, self-adhering	One or more layers, min. 1-inch Elevate ISOGARD GL, Elevate ISOGARD CG	I.S.O. Twin Pack or I.S.O. Spray R	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	I.S.O. Twin Pack or I.S.O. Spray R	BB-JBSA, BB-LVOC-1168, BB-UPBA	-52.5
W-18.	Min. 15/32-inch APA rated CDX 4-ply plywood	V-Force FR, self-adhering	One or more layers, min. 1-inch Elevate ISOGARD GL, Elevate ISOGARD CG	I.S.O. Twin Pack or I.S.O. Spray R	Min. 0.5-inch Elevate ISOGARD HD	I.S.O. Twin Pack or I.S.O. Spray R	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-52.5
W-19.	Min. 15/32-inch APA rated CDX 4-ply plywood	V-Force FR, self-adhering	One or more layers, min. 1-inch Elevate ISOGARD GL, Elevate ISOGARD CG	I.S.O. Twin Pack or I.S.O. Spray R	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	I.S.O. Twin Pack or I.S.O. Spray R	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-52.5
W-20.	Min. 15/32-inch APA rated CDX 4-ply plywood	V-Force FR, self-adhering	One or more layer(s), Min. 2-inch Elevate ISOGARD GL, Elevate ISOGARD CG	Twin Jet Y (SPATTER)	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Twin Jet Y (SPATTER)	BB-JBSA, BB-LVOC-1168, BB-UPBA	-90.0
W-21.	Min. 15/32-inch APA rated CDX 4-ply plywood	V-Force FR, self-adhering	One or more layer(s), Min. 2-inch Elevate ISOGARD GL, Elevate ISOGARD CG	Twin Jet Y (SPATTER)	Min. 0.5-inch Elevate ISOGARD HD	Twin Jet Y (SPATTER)	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-90.0
W-22.	Min. 15/32-inch APA rated CDX 4-ply plywood	V-Force FR, self-adhering	One or more layer(s), Min. 2-inch Elevate ISOGARD GL, Elevate ISOGARD CG	Twin Jet Y (SPATTER)	Min. 0.5-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	Twin Jet Y (SPATTER)	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-90.0
W-23.	Min. 15/32-inch APA rated CDX 4-ply plywood	V-Force FR, self-adhering	One or more layer(s), Min. 2-inch Elevate ISOGARD GL, Elevate ISOGARD CG	I.S.O. Twin Pack or I.S.O. Spray R, 6-inch o.c.	Min. 7/16-inch DEXcell Cement Roof Board	I.S.O. Twin Pack or I.S.O. Spray R, 6-inch o.c.	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-112.5

**NEMO EVALUATIONS REPORT**

Report No.: NER-AMZ-001.B.R4

Revision 4: 2026-06-09

Page 18 of 124

Amrize Building Envelope LLC (Elevate)

FL10264-R23



ISO/IEC 17065

PCA-145

TABLE 9B: WOOD DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-2: BONDED VAPOR/AIR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER
NOT FOR USE IN HVHZ JURISDICTIONS

SYSTEM NO.	DECK (4.1.2)	VAPOR OR AIR BARRIER	BASE INSULATION LAYER		TOP INSULATION LAYER(S)		ROOF COVER (3.1.4)	MDP (PSF)
			TYPE	ATTACH (3.1.3)	TYPE	ATTACH (3.1.3)		
W-24.	Min. 15/32-inch APA rated CDX 4-ply plywood	V-Force FR, self-adhering	One or more layer(s), Min. 2-inch Elevate ISOgard GL, Elevate ISOgard CG	I.S.O. Twin Pack or I.S.O. Spray R, 6-inch o.c.	Min. 0.5-inch Elevate ISOgard HD	I.S.O. Twin Pack or I.S.O. Spray R, 6-inch o.c.	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-112.5
W-25.	Min. 15/32-inch APA rated CDX 4-ply plywood	V-Force FR, self-adhering	One or more layer(s), Min. 2-inch Elevate ISOgard GL, Elevate ISOgard CG	I.S.O. Twin Pack or I.S.O. Spray R, 6-inch o.c.	Min 0.5-inch SECURock Gypsum-Fiber Roof Board	I.S.O. Twin Pack or I.S.O. Spray R, 6-inch o.c.	BB-JBSA, BB-LVOC-1168, BB-UPBA	-112.5
ELEVATE ULTRAPLY TPO XR SYSTEMS:								
W-26.	Min. 15/32-inch APA rated CDX 4-ply plywood	V-Force FR, self-adhering	One or more layers, min. 1-inch Elevate ISOgard GL, Elevate ISOgard CG	I.S.O. Twin Pack or I.S.O. Spray R	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECURock Gypsum-Fiber Roof Board, min. 7/16-inch DEXcell Cement Roof Board or min. 0.5-inch Elevate ISOgard HD	I.S.O. Twin Pack or I.S.O. Spray R	XR-TJY	-45.0
W-27.	Min. 15/32-inch APA rated CDX 4-ply plywood	V-Force FR, self-adhering	One or more layer(s), Min. 2-inch Elevate ISOgard GL, Elevate ISOgard CG	Twin Jet Y (SPATTER)	Min. 7/16-inch DEXcell Cement Roof Board or min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECURock Gypsum-Fiber Roof Board, Elevate ISOgard HD	Twin Jet Y (SPATTER)	XR-TJY	-45.0
W-28.	Min. 15/32-inch APA rated CDX 4-ply plywood	V-Force FR, self-adhering	One or more layer(s), Min. 2-inch Elevate ISOgard GL, Elevate ISOgard CG	I.S.O. Twin Pack or I.S.O. Spray R, 6-inch o.c.	Min. 7/16-inch DEXcell Cement Roof Board or min 0.5-inch SECURock Gypsum-Fiber Roof Board or ISOgard HD	I.S.O. Twin Pack or I.S.O. Spray R, 6-inch o.c.	XR-TJY	-45.0
W-29.	Min. 15/32-inch APA rated CDX 4-ply plywood	V-Force FR, self-adhering	One or more layers, min. 1-inch Elevate ISOgard GL, Elevate ISOgard CG	I.S.O. Twin Pack or I.S.O. Spray R	Min. 0.25-inch DensDeck Prime or SECURock Gypsum-Fiber Roof Board	I.S.O. Twin Pack or I.S.O. Spray R	XR-HA	-52.5
W-30.	Min. 15/32-inch APA rated CDX 4-ply plywood	V-Force FR, self-adhering	One or more layers, min. 1-inch Elevate ISOgard GL, Elevate ISOgard CG	I.S.O. Twin Pack or I.S.O. Spray R	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECURock Gypsum-Fiber Roof Board, min. 7/16-inch DEXcell Cement Roof Board or min. 0.5-inch Elevate ISOgard HD	I.S.O. Twin Pack or I.S.O. Spray R	XR-JBSA, XR-ISOR (RIBBON, 4), XR-XRSMa (RIBBON, 4), XR-TJ	-52.5
W-31.	Min. 15/32-inch APA rated CDX 4-ply plywood	V-Force FR, self-adhering	One or more layers, min. 1-inch Elevate ISOgard GL, Elevate ISOgard CG	I.S.O. Twin Pack or I.S.O. Spray R	Min. 0.25-inch DensDeck Prime or SECURock Gypsum-Fiber Roof Board or min. 0.5-inch Elevate ISOgard HD	I.S.O. Twin Pack or I.S.O. Spray R	XR-BA	-52.5
W-32.	Min. 15/32-inch APA rated CDX 4-ply plywood	V-Force FR, self-adhering	One or more layer(s), Min. 2-inch Elevate ISOgard GL, Elevate ISOgard CG	Twin Jet Y (SPATTER)	Min. 0.25-inch DensDeck Prime or SECURock Gypsum-Fiber Roof Board	Twin Jet Y (SPATTER)	XR-HA	-90.0

**NEMO EVALUATIONS REPORT**

Report No.: NER-AMZ-001.B.R4

Revision 4: 2026-06-09

Page 19 of 124

Amrize Building Envelope LLC (Elevate)

FL10264-R23



ISO/IEC 17065

PCA-145

TABLE 9B: WOOD DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-2: BONDED VAPOR/AIR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER
NOT FOR USE IN HVHZ JURISDICTIONS

SYSTEM NO.	DECK (4.1.2)	VAPOR OR AIR BARRIER	BASE INSULATION LAYER		TOP INSULATION LAYER(S)		ROOF COVER (3.1.4)	MDP (PSF)
			TYPE	ATTACH (3.1.3)	TYPE	ATTACH (3.1.3)		
W-33.	Min. 15/32-inch APA rated CDX 4-ply plywood	V-Force FR, self-adhering	One or more layer(s), Min. 2-inch Elevate ISO GARD GL, Elevate ISO GARD CG	Twin Jet Y (SPATTER)	Min. 7/16-inch DEXcell Cement Roof Board or min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board, Elevate ISO GARD HD	Twin Jet Y (SPATTER)	XR-JBSA, XR-ISOR (RIBBON, 4), XR-XRSMA (RIBBON, 4), XR-TJ	-90.0
W-34.	Min. 15/32-inch APA rated CDX 4-ply plywood	V-Force FR, self-adhering	One or more layers, min. 1-inch Elevate ISO GARD GL, Elevate ISO GARD CG	I.S.O. Twin Pack or I.S.O. Spray R	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch Elevate ISO GARD HD	Twin Jet Y (SPATTER)	XR-BA	-90.0
W-35.	Min. 15/32-inch APA rated CDX 4-ply plywood	V-Force FR, self-adhering	One or more layer(s), Min. 2-inch Elevate ISO GARD GL, Elevate ISO GARD CG	I.S.O. Twin Pack or I.S.O. Spray R, 6-inch o.c.	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	I.S.O. Twin Pack or I.S.O. Spray R, 6-inch o.c.	XR-HA	-112.5
W-36.	Min. 15/32-inch APA rated CDX 4-ply plywood	V-Force FR, self-adhering	One or more layer(s), Min. 2-inch Elevate ISO GARD GL, Elevate ISO GARD CG	I.S.O. Twin Pack or I.S.O. Spray R, 6-inch o.c.	Min. 7/16-inch DEXcell Cement Roof Board or min 0.5-inch SECUROCK Gypsum-Fiber Roof Board or ISO GARD HD	I.S.O. Twin Pack or I.S.O. Spray R, 6-inch o.c.	XR-JBSA, XR-ISOR (RIBBON, 4), XR-XRSMA (RIBBON, 4), XR-TJ	-112.5
W-37.	Min. 15/32-inch APA rated CDX 4-ply plywood	V-Force FR, self-adhering	One or more layers, min. 1-inch Elevate ISO GARD GL, Elevate ISO GARD CG	I.S.O. Twin Pack or I.S.O. Spray R	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or Elevate ISO GARD HD	I.S.O. Twin Pack or I.S.O. Spray R, 6-inch o.c.	XR-BA	-112.5
ELEVATE ULTRAPLY TPO SA SYSTEMS:								
W-38.	Min. 15/32-inch APA rated CDX 4-ply plywood	V-Force FR, self-adhering	One or more layers, min. 1-inch Elevate ISO GARD GL, Elevate ISO GARD CG	I.S.O. Twin Pack or I.S.O. Spray R	Min. 0.25-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch Elevate ISO GARD HD	I.S.O. Twin Pack or I.S.O. Spray R	SA	-52.5
W-39.	Min. 15/32-inch APA rated CDX 4-ply plywood	V-Force FR, self-adhering	One or more layer(s), Min. 2-inch Elevate ISO GARD GL, Elevate ISO GARD CG	Twin Jet Y (SPATTER)	Min. 0.25-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch Elevate ISO GARD HD	Twin Jet Y (SPATTER)	SA	-90.0
W-40.	Min. 15/32-inch APA rated CDX 4-ply plywood	V-Force FR, self-adhering	One or more layer(s), Min. 2-inch Elevate ISO GARD GL, Elevate ISO GARD CG	I.S.O. Twin Pack or I.S.O. Spray R, 6-inch o.c.	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or Elevate ISO GARD HD	I.S.O. Twin Pack or I.S.O. Spray R, 6-inch o.c.	SA	-112.5

TABLE 9c: WOOD DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR/AIR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER

SYSTEM NO.	DECK (4.1.2)	THERMAL BARRIER			VAPOR OR AIR BARRIER	BASE INSULATION LAYER		TOP INSULATION LAYER(S)		ROOF COVER (3.1.4)	MDP (PSF)
		TYPE	FASTENER (4.2.2)	ATTACH (3.1.2e)		PRODUCT	ADHESIVE (3.1.3)	PRODUCT	ADHESIVE (3.1.3)		
ELEVATE ULTRAPLY TPO SYSTEMS:											
W-41.	Min. 19/32-inch APA rated CDX 4-ply plywood	Min. 0.25-inch DensDeck Prime	Versa-Fast Metal Plate V19 with minimum two (2) Versa-Fast Fasteners V19 per plate	1 per 1.45 ft²	V-Force FR or V-Force P, self-adhering	One or more layers, min. 1-inch Elevate ISOGARD GL, Elevate ISOGARD CG	I.S.O. Twin Pack or I.S.O. Spray R	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	I.S.O. Twin Pack or I.S.O. Spray R	BB-JBSA, BB-LVOC-1168, BB-UPBA	-52.5
W-42.	Min. 19/32-inch APA rated CDX 4-ply plywood	Min. 0.25-inch DensDeck Prime	Versa-Fast Metal Plate V19 with minimum two (2) Versa-Fast Fasteners V19 per plate	1 per 1.45 ft²	V-Force FR or V-Force P, self-adhering	One or more layers, min. 1-inch Elevate ISOGARD GL, Elevate ISOGARD CG	I.S.O. Twin Pack or I.S.O. Spray R	Min. 0.5-inch Elevate ISOGARD HD	I.S.O. Twin Pack or I.S.O. Spray R	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-52.5
W-43.	Min. 19/32-inch APA rated CDX 4-ply plywood	Min. 0.25-inch DensDeck Prime	Versa-Fast Metal Plate V19 with minimum two (2) Versa-Fast Fasteners V19 per plate	1 per 1.45 ft²	V-Force FR or V-Force P, self-adhering	One or more layers, min. 1-inch Elevate ISOGARD GL, Elevate ISOGARD CG	I.S.O. Twin Pack or I.S.O. Spray R	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	I.S.O. Twin Pack or I.S.O. Spray R	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-52.5
W-44.	Min. 19/32-inch APA rated CDX 4-ply plywood	Min. 0.25-inch DensDeck Prime	Versa-Fast Metal Plate V19 with minimum two (2) Versa-Fast Fasteners V19 per plate	1 per 1.45 ft²	V-Force FR or V-Force P, self-adhering	One or more layer(s), Min. 2-inch Elevate ISOGARD GL, Elevate ISOGARD CG	I.S.O. Twin Pack or I.S.O. Spray R, 6-inch o.c.	Min. 7/16-inch DEXcell Cement Roof Board	I.S.O. Twin Pack or I.S.O. Spray R, 6-inch o.c.	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-60.0
W-45.	Min. 19/32-inch APA rated CDX 4-ply plywood	Min. 0.25-inch DensDeck Prime	Versa-Fast Metal Plate V19 with minimum two (2) Versa-Fast Fasteners V19 per plate	1 per 1.45 ft²	V-Force FR or V-Force P, self-adhering	One or more layer(s), Min. 2-inch Elevate ISOGARD GL, Elevate ISOGARD CG	I.S.O. Twin Pack or I.S.O. Spray R, 6-inch o.c.	Min. 0.5-inch Elevate ISOGARD HD	I.S.O. Twin Pack or I.S.O. Spray R, 6-inch o.c.	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-60.0
W-46.	Min. 19/32-inch APA rated CDX 4-ply plywood	Min. 0.25-inch DensDeck Prime	Versa-Fast Metal Plate V19 with minimum two (2) Versa-Fast Fasteners V19 per plate	1 per 1.45 ft²	V-Force FR or V-Force P, self-adhering	One or more layer(s), Min. 2-inch Elevate ISOGARD GL, Elevate ISOGARD CG	I.S.O. Twin Pack or I.S.O. Spray R, 6-inch o.c.	Min 0.5-inch SECUROCK Gypsum-Fiber Roof Board	I.S.O. Twin Pack or I.S.O. Spray R, 6-inch o.c.	BB-JBSA, BB-LVOC-1168, BB-UPBA	-60.0

**NEMO EVALUATIONS REPORT**

Report No.: NER-AMZ-001.B.R.4

Revision 4: 2026-06-09

Page 21 of 124

Amrize Building Envelope LLC (Elevate)

FL10264-R23



ISO/IEC 17065

[PCA-145](#)**TABLE 9c: WOOD DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF) OR RECOVER****SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR/AIR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER**

SYSTEM NO.	DECK (4.1.2)	THERMAL BARRIER			VAPOR OR AIR BARRIER	BASE INSULATION LAYER		TOP INSULATION LAYER(S)		ROOF COVER (3.1.4)	MDP (PSF)
		TYPE	FASTENER (4.2.2)	ATTACH (3.1.2E)		PRODUCT	ADHESIVE (3.1.3)	PRODUCT	ADHESIVE (3.1.3)		
W-47.	Min. 19/32-inch APA rated CDX 4-ply plywood	Min. 0.25-inch DensDeck Prime	Versa-Fast Metal Plate V19 with minimum two (2) Versa-Fast Fasteners V19 per plate	1 per 1.45 ft ²	V-Force FR or V-Force P, self-adhering	One or more layer(s), Min. 2-inch Elevate ISOGARD GL, Elevate ISOGARD CG	Twin Jet Y (SPATTER)	Min. 7/16-inch DEXcell Cement Roof Board or min. 0.5-inch DEXcell FA Glass Mat Roof Board	Twin Jet Y (SPATTER)	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-60.0
W-48.	Min. 19/32-inch APA rated CDX 4-ply plywood	Min. 0.25-inch DensDeck Prime	Versa-Fast Metal Plate V19 with minimum two (2) Versa-Fast Fasteners V19 per plate	1 per 1.45 ft ²	V-Force FR or V-Force P, self-adhering	One or more layer(s), Min. 2-inch Elevate ISOGARD GL, Elevate ISOGARD CG	Twin Jet Y (SPATTER)	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Twin Jet Y (SPATTER)	BB-JBSA, BB-LVOC-1168, BB-UPBA	-60.0
W-49.	Min. 19/32-inch APA rated CDX 4-ply plywood	Min. 0.25-inch DensDeck Prime	Versa-Fast Metal Plate V19 with minimum two (2) Versa-Fast Fasteners V19 per plate	1 per 1.45 ft ²	V-Force FR or V-Force P, self-adhering	One or more layer(s), Min. 2-inch Elevate ISOGARD GL, Elevate ISOGARD CG	Twin Jet Y (SPATTER)	Min. 0.5-inch Elevate ISOGARD HD	Twin Jet Y (SPATTER)	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-60.0
W-50.	Min. 19/32-inch APA rated CDX 4-ply plywood	Min. 0.5-inch DensDeck Prime	Versa-Fast Metal Plate V19 with minimum two (2) Versa-Fast Fasteners V19 per plate	1 per 1.45 ft ²	V-Force FR or V-Force P, self-adhering	One or more layer(s), Min. 2-inch Elevate ISOGARD GL, Elevate ISOGARD CG	I.S.O. Twin Pack or I.S.O. Spray R, 6-inch o.c.	Min. 7/16-inch DEXcell Cement Roof Board	I.S.O. Twin Pack or I.S.O. Spray R, 6-inch o.c.	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-75.0
W-51.	Min. 19/32-inch APA rated CDX 4-ply plywood	Min. 0.5-inch DensDeck Prime	Versa-Fast Metal Plate V19 with minimum two (2) Versa-Fast Fasteners V19 per plate	1 per 1.45 ft ²	V-Force FR or V-Force P, self-adhering	One or more layer(s), Min. 2-inch Elevate ISOGARD GL, Elevate ISOGARD CG	I.S.O. Twin Pack or I.S.O. Spray R, 6-inch o.c.	Min. 0.5-inch Elevate ISOGARD HD	I.S.O. Twin Pack or I.S.O. Spray R, 6-inch o.c.	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-75.0
W-52.	Min. 19/32-inch APA rated CDX 4-ply plywood	Min. 0.5-inch DensDeck Prime	Versa-Fast Metal Plate V19 with minimum two (2) Versa-Fast Fasteners V19 per plate	1 per 1.45 ft ²	V-Force FR or V-Force P, self-adhering	One or more layer(s), Min. 2-inch Elevate ISOGARD GL, Elevate ISOGARD CG	I.S.O. Twin Pack or I.S.O. Spray R, 6-inch o.c.	Min 0.5-inch SECUROCK Gypsum-Fiber Roof Board	I.S.O. Twin Pack or I.S.O. Spray R, 6-inch o.c.	BB-JBSA, BB-LVOC-1168, BB-UPBA	-75.0

**NEMO EVALUATIONS REPORT**

Report No.: NER-AMZ-001.B.R4

Revision 4: 2026-06-09

Page 22 of 124

Amrize Building Envelope LLC (Elevate)

FL10264-R23



ISO/IEC 17065

PCA-145

TABLE 9c: Wood DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF) OR RECOVER**SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR/AIR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER**

SYSTEM NO.	DECK (4.1.2)	THERMAL BARRIER			VAPOR OR AIR BARRIER	BASE INSULATION LAYER		TOP INSULATION LAYER(S)		ROOF COVER (3.1.4)	MDP (PSF)
		TYPE	FASTENER (4.2.2)	ATTACH (3.1.2E)		PRODUCT	ADHESIVE (3.1.3)	PRODUCT	ADHESIVE (3.1.3)		
W-53.	Min. 19/32-inch APA rated CDX 4-ply plywood	Min. 0.5-inch DensDeck Prime	Versa-Fast Metal Plate V19 with minimum two (2) Versa-Fast Fasteners V19 per plate	1 per 1.45 ft ²	V-Force FR or V-Force P, self-adhering	One or more layer(s), Min. 2-inch SecurShield, Elevate ISOGARD GL, Elevate ISOGARD CG	Twin Jet Y (SPATTER)	Min. 7/16-inch DEXcell Cement Roof Board or min. 0.5-inch DEXcell FA Glass Mat Roof Board	Twin Jet Y (SPATTER)	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-75.0
W-54.	Min. 19/32-inch APA rated CDX 4-ply plywood	Min. 0.5-inch DensDeck Prime	Versa-Fast Metal Plate V19 with minimum two (2) Versa-Fast Fasteners V19 per plate	1 per 1.45 ft ²	V-Force FR or V-Force P, self-adhering	One or more layer(s), Min. 2-inch SecurShield, Elevate ISOGARD GL, Elevate ISOGARD CG	Twin Jet Y (SPATTER)	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Twin Jet Y (SPATTER)	BB-JBSA, BB-LVOC-1168, BB-UPBA	-75.0
W-55.	Min. 19/32-inch APA rated CDX 4-ply plywood	Min. 0.5-inch DensDeck Prime	Versa-Fast Metal Plate V19 with minimum two (2) Versa-Fast Fasteners V19 per plate	1 per 1.45 ft ²	V-Force FR or V-Force P, self-adhering	One or more layer(s), Min. 2-inch SecurShield, Elevate ISOGARD GL, Elevate ISOGARD CG	Twin Jet Y (SPATTER)	Min. 0.5-inch Elevate ISOGARD HD	Twin Jet Y (SPATTER)	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-75.0
ELEVATE ULTRAPLY TPO XR SYSTEMS:											
W-56.	Min. 19/32-inch APA rated CDX 4-ply plywood	Min. 0.25-inch DensDeck Prime	Versa-Fast Metal Plate V19 with minimum two (2) Versa-Fast Fasteners V19 per plate	1 per 1.45 ft ²	V-Force FR or V-Force P, self-adhering	One or more layers, min. 1-inch Elevate ISOGARD GL, Elevate ISOGARD CG	I.S.O. Twin Pack or I.S.O. Spray R	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board, min. 7/16-inch DEXcell Cement Roof Board or min. 0.5-inch Elevate ISOGARD HD	I.S.O. Twin Pack or I.S.O. Spray R	XR-TJY	-45.0
W-57.	Min. 19/32-inch APA rated CDX 4-ply plywood	Min. 0.25-inch DensDeck Prime	Versa-Fast Metal Plate V19 with minimum two (2) Versa-Fast Fasteners V19 per plate	1 per 1.45 ft ²	V-Force FR or V-Force P, self-adhering	One or more layer(s), Min. 2-inch Elevate ISOGARD GL, Elevate ISOGARD CG	I.S.O. Twin Pack or I.S.O. Spray R, 6-inch o.c.	Min. 7/16-inch DEXcell Cement Roof Board or min 0.5-inch SECUROCK Gypsum-Fiber Roof Board, or ISOGARD HD	I.S.O. Twin Pack or I.S.O. Spray R, 6-inch o.c.	XR-TJY	-45.0
W-58.	Min. 19/32-inch APA rated CDX 4-ply plywood	Min. 0.25-inch DensDeck Prime	Versa-Fast Metal Plate V19 with minimum two (2) Versa-Fast Fasteners V19 per plate	1 per 1.45 ft ²	V-Force FR or V-Force P, self-adhering	One or more layer(s), Min. 2-inch Elevate ISOGARD GL, Elevate ISOGARD CG	Twin Jet Y (SPATTER)	Min. 7/16-inch DEXcell Cement Roof Board or min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board, Elevate ISOGARD HD	Twin Jet Y (SPATTER)	XR-TJY	-45.0

**NEMO EVALUATIONS REPORT**

Report No.: NER-AMZ-001.B.R.4

Revision 4: 2026-06-09

Page 23 of 124

Amrize Building Envelope LLC (Elevate)

FL10264-R23



ISO/IEC 17065

PCA-145

TABLE 9c: WOOD DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF) OR RECOVER**SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR/AIR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER**

SYSTEM NO.	DECK (4.1.2)	THERMAL BARRIER			VAPOR OR AIR BARRIER	BASE INSULATION LAYER		TOP INSULATION LAYER(S)		ROOF COVER (3.1.4)	MDP (PSF)
		TYPE	FASTENER (4.2.2)	ATTACH (3.1.2E)		PRODUCT	ADHESIVE (3.1.3)	PRODUCT	ADHESIVE (3.1.3)		
W-59.	Min. 19/32-inch APA rated CDX 4-ply plywood	Min. 0.5-inch DensDeck Prime	Versa-Fast Metal Plate V19 with minimum two (2) Versa-Fast Fasteners V19 per plate	1 per 1.45 ft ²	V-Force FR or V-Force P, self-adhering	One or more layer(s), Min. 2-inch Elevate ISOGARD GL, Elevate ISOGARD CG	I.S.O. Twin Pack or I.S.O. Spray R, 6-inch o.c.	Min. 7/16-inch DEXcell Cement Roof Board or min 0.5-inch SECUROCK Gypsum-Fiber Roof Board, or ISOGARD HD	I.S.O. Twin Pack or I.S.O. Spray R, 6-inch o.c.	XR-TJY	-45.0
W-60.	Min. 19/32-inch APA rated CDX 4-ply plywood	Min. 0.5-inch DensDeck Prime	Versa-Fast Metal Plate V19 with minimum two (2) Versa-Fast Fasteners V19 per plate	1 per 1.45 ft ²	V-Force FR or V-Force P, self-adhering	One or more layer(s), Min. 2-inch SecurShield, Elevate ISOGARD GL, Elevate ISOGARD CG	Twin Jet Y (SPATTER)	Min. 7/16-inch DEXcell Cement Roof Board or min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board, Elevate ISOGARD HD	Twin Jet Y (SPATTER)	XR-TJY	-45.0
W-61.	Min. 19/32-inch APA rated CDX 4-ply plywood	Min. 0.25-inch DensDeck Prime	Versa-Fast Metal Plate V19 with minimum two (2) Versa-Fast Fasteners V19 per plate	1 per 1.45 ft ²	V-Force FR or V-Force P, self-adhering	One or more layers, min. 1-inch Elevate ISOGARD GL, Elevate ISOGARD CG	I.S.O. Twin Pack or I.S.O. Spray R	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	I.S.O. Twin Pack or I.S.O. Spray R	XR-HA	-52.5
W-62.	Min. 19/32-inch APA rated CDX 4-ply plywood	Min. 0.25-inch DensDeck Prime	Versa-Fast Metal Plate V19 with minimum two (2) Versa-Fast Fasteners V19 per plate	1 per 1.45 ft ²	V-Force FR or V-Force P, self-adhering	One or more layers, min. 1-inch Elevate ISOGARD GL, Elevate ISOGARD CG	I.S.O. Twin Pack or I.S.O. Spray R	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board, min. 7/16-inch DEXcell Cement Roof Board or min. 0.5-inch Elevate ISOGARD HD	I.S.O. Twin Pack or I.S.O. Spray R	XR-JBSA, XR-ISOR (RIBBON, 4), XR-XRSMA (RIBBON, 4), XR-TJ	-52.5
W-63.	Min. 19/32-inch APA rated CDX 4-ply plywood	Min. 0.25-inch DensDeck Prime	Versa-Fast Metal Plate V19 with minimum two (2) Versa-Fast Fasteners V19 per plate	1 per 1.45 ft ²	V-Force FR or V-Force P, self-adhering	One or more layers, min. 1-inch Elevate ISOGARD GL, Elevate ISOGARD CG	I.S.O. Twin Pack or I.S.O. Spray R	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch Elevate ISOGARD HD	I.S.O. Twin Pack or I.S.O. Spray R	XR-BA	-52.5
W-64.	Min. 19/32-inch APA rated CDX 4-ply plywood	Min. 0.25-inch DensDeck Prime	Versa-Fast Metal Plate V19 with minimum two (2) Versa-Fast Fasteners V19 per plate	1 per 1.45 ft ²	V-Force FR or V-Force P, self-adhering	One or more layer(s), Min. 2-inch Elevate ISOGARD GL, Elevate ISOGARD CG	I.S.O. Twin Pack or I.S.O. Spray R, 6-inch o.c.	Min. 7/16-inch DEXcell Cement Roof Board or min 0.5-inch SECUROCK Gypsum-Fiber Roof Board, or ISOGARD HD	I.S.O. Twin Pack or I.S.O. Spray R, 6-inch o.c.	XR-JBSA, XR-ISOR (RIBBON, 4), XR-XRSMA (RIBBON, 4), XR-TJ	-60.0

**NEMO EVALUATIONS REPORT**

Report No.: NER-AMZ-001.B.R.4

Revision 4: 2026-06-09

Page 24 of 124

Amrize Building Envelope LLC (Elevate)

FL10264-R23



ISO/IEC 17065

PCA-145

TABLE 9c: Wood DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF) OR RECOVER**SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR/AIR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER**

SYSTEM NO.	DECK (4.1.2)	THERMAL BARRIER			VAPOR OR AIR BARRIER	BASE INSULATION LAYER		TOP INSULATION LAYER(S)		ROOF COVER (3.1.4)	MDP (PSF)
		TYPE	FASTENER (4.2.2)	ATTACH (3.1.2E)		PRODUCT	ADHESIVE (3.1.3)	PRODUCT	ADHESIVE (3.1.3)		
W-65.	Min. 19/32-inch APA rated CDX 4-ply plywood	Min. 0.25-inch DensDeck Prime	Versa-Fast Metal Plate V19 with minimum two (2) Versa-Fast Fasteners V19 per plate	1 per 1.45 ft ²	V-Force FR or V-Force P, self-adhering	One or more layer(s), Min. 2-inch Elevate ISOGARD GL, Elevate ISOGARD CG	I.S.O. Twin Pack or I.S.O. Spray R, 6-inch o.c.	Min 0.5-inch SECUROCK Gypsum-Fiber Roof Board	I.S.O. Twin Pack or I.S.O. Spray R, 6-inch o.c.	XR-HA	-60.0
W-66.	Min. 19/32-inch APA rated CDX 4-ply plywood	Min. 0.25-inch DensDeck Prime	Versa-Fast Metal Plate V19 with minimum two (2) Versa-Fast Fasteners V19 per plate	1 per 1.45 ft ²	V-Force FR or V-Force P, self-adhering	One or more layer(s), Min. 2-inch Elevate ISOGARD GL, Elevate ISOGARD CG	I.S.O. Twin Pack or I.S.O. Spray R, 6-inch o.c.	Min 0.5-inch SECUROCK Gypsum-Fiber Roof Board or ISOGARD HD	I.S.O. Twin Pack or I.S.O. Spray R, 6-inch o.c.	XR-BA	-60.0
W-67.	Min. 19/32-inch APA rated CDX 4-ply plywood	Min. 0.25-inch DensDeck Prime	Versa-Fast Metal Plate V19 with minimum two (2) Versa-Fast Fasteners V19 per plate	1 per 1.45 ft ²	V-Force FR or V-Force P, self-adhering	One or more layer(s), Min. 2-inch Elevate ISOGARD GL, Elevate ISOGARD CG	Twin Jet Y (SPATTER)	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Twin Jet Y (SPATTER)	XR-HA	-60.0
W-68.	Min. 19/32-inch APA rated CDX 4-ply plywood	Min. 0.25-inch DensDeck Prime	Versa-Fast Metal Plate V19 with minimum two (2) Versa-Fast Fasteners V19 per plate	1 per 1.45 ft ²	V-Force FR or V-Force P, self-adhering	One or more layer(s), Min. 2-inch Elevate ISOGARD GL, Elevate ISOGARD CG	Twin Jet Y (SPATTER)	Min. 7/16-inch DEXcell Cement Roof Board or min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board, Elevate ISOGARD HD	Twin Jet Y (SPATTER)	XR-JBSA, XR-ISOR (RIBBON, 4), XR-XRSMA (RIBBON, 4), XR-TJ	-60.0
W-69.	Min. 19/32-inch APA rated CDX 4-ply plywood	Min. 0.25-inch DensDeck Prime	Versa-Fast Metal Plate V19 with minimum two (2) Versa-Fast Fasteners V19 per plate	1 per 1.45 ft ²	V-Force FR or V-Force P, self-adhering	One or more layer(s), Min. 2-inch Elevate ISOGARD GL, Elevate ISOGARD CG	Twin Jet Y (SPATTER)	Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board, or 0.5-inch Elevate ISOGARD HD	Twin Jet Y (SPATTER)	XR-BA	-60.0
W-70.	Min. 19/32-inch APA rated CDX 4-ply plywood	Min. 0.5-inch DensDeck Prime	Versa-Fast Metal Plate V19 with minimum two (2) Versa-Fast Fasteners V19 per plate	1 per 1.45 ft ²	V-Force FR or V-Force P, self-adhering	One or more layer(s), Min. 2-inch Elevate ISOGARD GL, Elevate ISOGARD CG	I.S.O. Twin Pack or I.S.O. Spray R, 6-inch o.c.	Min. 7/16-inch DEXcell Cement Roof Board or min 0.5-inch SECUROCK Gypsum-Fiber Roof Board, or ISOGARD HD	I.S.O. Twin Pack or I.S.O. Spray R, 6-inch o.c.	XR-JBSA, XR-ISOR (RIBBON, 4), XR-XRSMA (RIBBON, 4), XR-TJ	-75.0

**NEMO EVALUATIONS REPORT**

Report No.: NER-AMZ-001.B.R4

Revision 4: 2026-06-09

Page 25 of 124

Amrize Building Envelope LLC (Elevate)

FL10264-R23



ISO/IEC 17065

PCA-145

TABLE 9c: WOOD DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF) OR RECOVER**SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR/AIR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER**

SYSTEM NO.	DECK (4.1.2)	THERMAL BARRIER			VAPOR OR AIR BARRIER	BASE INSULATION LAYER		TOP INSULATION LAYER(S)		ROOF COVER (3.1.4)	MDP (PSF)
		TYPE	FASTENER (4.2.2)	ATTACH (3.1.2E)		PRODUCT	ADHESIVE (3.1.3)	PRODUCT	ADHESIVE (3.1.3)		
W-71.	Min. 19/32-inch APA rated CDX 4-ply plywood	Min. 0.5-inch DensDeck Prime	Versa-Fast Metal Plate V19 with minimum two (2) Versa-Fast Fasteners V19 per plate	1 per 1.45 ft ²	V-Force FR or V-Force P, self-adhering	One or more layer(s), Min. 2-inch Elevate ISOGARD GL, Elevate ISOGARD CG	I.S.O. Twin Pack or I.S.O. Spray R, 6-inch o.c.	Min 0.5-inch SECUROCK Gypsum-Fiber Roof Board	I.S.O. Twin Pack or I.S.O. Spray R, 6-inch o.c.	XR-HA	-75.0
W-72.	Min. 19/32-inch APA rated CDX 4-ply plywood	Min. 0.5-inch DensDeck Prime	Versa-Fast Metal Plate V19 with minimum two (2) Versa-Fast Fasteners V19 per plate	1 per 1.45 ft ²	V-Force FR or V-Force P, self-adhering	One or more layer(s), Min. 2-inch Elevate ISOGARD GL, Elevate ISOGARD CG	I.S.O. Twin Pack or I.S.O. Spray R, 6-inch o.c.	Min 0.5-inch SECUROCK Gypsum-Fiber Roof Board or ISOGARD HD	I.S.O. Twin Pack or I.S.O. Spray R, 6-inch o.c.	XR-BA	-75.0
W-73.	Min. 19/32-inch APA rated CDX 4-ply plywood	Min. 0.5-inch DensDeck Prime	Versa-Fast Metal Plate V19 with minimum two (2) Versa-Fast Fasteners V19 per plate	1 per 1.45 ft ²	V-Force FR or V-Force P, self-adhering	One or more layer(s), Min. 2-inch SecurShield, Elevate ISOGARD GL, Elevate ISOGARD CG	Twin Jet Y (SPATTER)	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Twin Jet Y (SPATTER)	XR-HA	-75.0
W-74.	Min. 19/32-inch APA rated CDX 4-ply plywood	Min. 0.5-inch DensDeck Prime	Versa-Fast Metal Plate V19 with minimum two (2) Versa-Fast Fasteners V19 per plate	1 per 1.45 ft ²	V-Force FR or V-Force P, self-adhering	One or more layer(s), Min. 2-inch SecurShield, Elevate ISOGARD GL, Elevate ISOGARD CG	Twin Jet Y (SPATTER)	Min. 7/16-inch DEXcell Cement Roof Board or min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board, Elevate ISOGARD HD	Twin Jet Y (SPATTER)	XR-JBSA, XR-ISOR (RIBBON, 4), XR-XRSMA (RIBBON, 4), XR-TJ	-75.0
W-75.	Min. 19/32-inch APA rated CDX 4-ply plywood	Min. 0.5-inch DensDeck Prime	Versa-Fast Metal Plate V19 with minimum two (2) Versa-Fast Fasteners V19 per plate	1 per 1.45 ft ²	V-Force FR or V-Force P, self-adhering	One or more layer(s), Min. 2-inch SecurShield, Elevate ISOGARD GL, Elevate ISOGARD CG	Twin Jet Y (SPATTER)	Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board, or 0.5-inch Elevate ISOGARD HD	Twin Jet Y (SPATTER)	XR-BA	-75.0
ELEVATE ULTRAPLY TPO SA SYSTEMS:											
W-76.	Min. 19/32-inch APA rated CDX 4-ply plywood	Min. 0.25-inch DensDeck Prime	Versa-Fast Metal Plate V19 with minimum two (2) Versa-Fast Fasteners V19 per plate	1 per 1.45 ft ²	V-Force FR or V-Force P, self-adhering	One or more layers, min. 1-inch Elevate ISOGARD GL, Elevate ISOGARD CG	I.S.O. Twin Pack or I.S.O. Spray R	Min. 0.25-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board, or min. 0.5-inch Elevate ISOGARD HD	I.S.O. Twin Pack or I.S.O. Spray R	SA	-52.5

**NEMO EVALUATIONS REPORT**

Report No.: NER-AMZ-001.B.R4

Revision 4: 2026-06-09

Page 26 of 124

Amrize Building Envelope LLC (Elevate)

FL10264-R23



ISO/IEC 17065

PCA-145

TABLE 9c: WOOD DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF) OR RECOVER**SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR/AIR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER**

SYSTEM NO.	DECK (4.1.2)	THERMAL BARRIER			VAPOR OR AIR BARRIER	BASE INSULATION LAYER		TOP INSULATION LAYER(S)		ROOF COVER (3.1.4)	MDP (psf)
		TYPE	FASTENER (4.2.2)	ATTACH (3.1.2e)		PRODUCT	ADHESIVE (3.1.3)	PRODUCT	ADHESIVE (3.1.3)		
W-77.	Min. 19/32-inch APA rated CDX 4-ply plywood	Min. 0.25-inch DensDeck Prime	Versa-Fast Metal Plate V19 with minimum two (2) Versa-Fast Fasteners V19 per plate	1 per 1.45 ft ²	V-Force FR or V-Force P, self-adhering	One or more layer(s), Min. 2-inch Elevate ISOGARD GL, Elevate ISOGARD CG	I.S.O. Twin Pack or I.S.O. Spray R, 6-inch o.c.	Min 0.5-inch SECUROCK Gypsum-Fiber Roof Board, or ISOGARD HD	I.S.O. Twin Pack or I.S.O. Spray R, 6-inch o.c.	SA	-60.0
W-78.	Min. 19/32-inch APA rated CDX 4-ply plywood	Min. 0.25-inch DensDeck Prime	Versa-Fast Metal Plate V19 with minimum two (2) Versa-Fast Fasteners V19 per plate	1 per 1.45 ft ²	V-Force FR or V-Force P, self-adhering	One or more layer(s), Min. 2-inch Elevate ISOGARD GL, Elevate ISOGARD CG	Twin Jet Y (SPATTER)	Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board, or Elevate ISOGARD HD	Twin Jet Y (SPATTER)	SA	-60.0
W-79.	Min. 19/32-inch APA rated CDX 4-ply plywood	Min. 0.5-inch DensDeck Prime	Versa-Fast Metal Plate V19 with minimum two (2) Versa-Fast Fasteners V19 per plate	1 per 1.45 ft ²	V-Force FR or V-Force P, self-adhering	One or more layer(s), Min. 2-inch Elevate ISOGARD GL, Elevate ISOGARD CG	I.S.O. Twin Pack or I.S.O. Spray R, 6-inch o.c.	Min. 7/16-inch DEXcell Cement Roof Board or min 0.5-inch SECUROCK Gypsum-Fiber Roof Board, or ISOGARD HD	I.S.O. Twin Pack or I.S.O. Spray R, 6-inch o.c.	SA	-75.0
W-80.	Min. 19/32-inch APA rated CDX 4-ply plywood	Min. 0.5-inch DensDeck Prime	Versa-Fast Metal Plate V19 with minimum two (2) Versa-Fast Fasteners V19 per plate	1 per 1.45 ft ²	V-Force FR or V-Force P, self-adhering	One or more layer(s), Min. 2-inch SecurShield, Elevate ISOGARD GL, Elevate ISOGARD CG	Twin Jet Y (SPATTER)	Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board, or Elevate ISOGARD HD	Twin Jet Y (SPATTER)	SA	-75.0

TABLE 9d: WOOD DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF) OR RECOVER**SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

System No.	Deck (4.1.2)	Base Insulation Layer (4.2.2)	Top Insulation Layer			Roof Cover (3.1.4)	MDP (psf)
			Type	Fastener (4.2.2)	Attach (3.1.2e)		
ELEVATE ULTRAPLY TPO SYSTEMS:							
W-81.	Plywood, APA, 15/32-inch, rating 32/16, Grade CDX	(Optional) One or more layers, any combination, loose laid	Min. 1-inch ISOGARD CG	3.1.1	1 per 4.0 ft²	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-30.0* (NO HVHZ)
W-82.	Plywood, APA, 19/32-inch, rating 32/16, Grade CDX	(Optional) One or more layers, any combination, loose laid	Min. 2-inch ISOGARD GL	3.1.1	1 per 1.8 ft²	BB-JBSA, BB-LVOC or BB-UPBA	-45.0

**TABLE 9D: WOOD DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

System No.	Deck (4.1.2)	Base Insulation Layer (4.2.2)	Top Insulation Layer			Roof Cover (3.1.4)	MDP (psf)
			Type	Fastener (4.2.2)	Attach (3.1.2e)		
W-83.	Plywood, APA, 15/32-inch, rating 32/16, Grade CDX	(Optional) One or more layers, any combination, loose laid	Min. 1-inch ISOGARD CG	3.1.1	1 per 2.7 ft ²	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-45.0*
W-84.	Plywood, APA, 15/32-inch, rating 32/16, Grade CDX	(Optional) One or more layers, any combination, loose laid	Min. 1-inch ISOGARD CG	3.1.1	1 per 1.6 ft ²	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-45.0
W-85.	Plywood, APA, 15/32-inch, rating 32/16, Grade CDX	(Optional) One or more layers, any combination, loose laid	Min. 0.5-inch Elevate ISOGARD HD	3.1.1	1 per 2.7 ft ²	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-45.0*
W-86.	Plywood, APA, 15/32-inch, rating 32/16, Grade CDX	(Optional) One or more layers, any combination, loose laid	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	3.1.1	1 per 4.0 ft ²	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-45.0*
W-87.	Plywood, APA, 15/32-inch, rating 32/16, Grade CDX	(Optional) One or more layers, any combination, loose laid	Min. 0.5-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	3.1.1	1 per 4.0 ft ²	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-45.0*
W-88.	Plywood, APA, 15/32-inch, rating 32/16, Grade CDX or OSB (NO-HVHZ), APA, 7/16-inch (0.418 inch), Exposure 1	(Optional) One or more layers, any combination, loose laid	Min. 0.25-inch DensDeck Prime	3.1.1	1 per 2.7 ft ²	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-45.0*
W-89.	Plywood, APA, 15/32-inch, rating 32/16, Grade CDX or OSB (NO-HVHZ), APA, 7/16-inch (0.418 inch), Exposure 1	(Optional) One or more layers, any combination, loose laid	Min. 7/16-inch DEXcell Cement Roof Board	3.1.1	1 per 2.7 ft ²	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-45.0*
W-90.	Plywood, APA, 23/32-inch, rating 48/24, Grade CDX	(Optional for Recover) Min. 1.5-inch thick, one or more layers, any combination, loose laid	Min. 0.25-inch DensDeck Prime	3.1.1	1 per 2.7 ft ²	BB-JBSA, BB-LVOC or BB-UPBA	-45.0*
W-91.	Plywood, APA, 23/32-inch, rating 48/24, Grade CDX	(Optional for Recover) Min. 1.5-inch thick, one or more layers, any combination, loose laid	Min. 7/16-inch DEXcell Cement Roof Board	3.1.1	1 per 2.7 ft ²	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-45.0*
W-92.	Plywood, APA, 19/32-inch, rating 32/16, Grade CDX or OSB (NO-HVHZ), APA, 7/16-inch (0.418 inch), Exposure 1	(Optional) One or more layers, any combination, loose laid	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	3.1.1	1 per 2.13 ft ²	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-45.0*
W-93.	Plywood, APA, 15/32-inch, rating 32/16, Grade CDX	(Optional) One or more layers, any combination, loose laid	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	3.1.1	1 per 1.6 ft ²	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-45.0
W-94.	Plywood, APA, 19/32-inch, rating 32/16, Grade CDX	(Optional) One or more layers, any combination, loose laid	Min. 0.5-inch DensDeck or DensDeck Prime	3.1.1	1 per 1.6 ft ²	BB-JBSA, BB-LVOC or BB-UPBA	-45.0

**TABLE 9D: WOOD DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF) OR RECOVER
 SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

System No.	Deck (4.1.2)	Base Insulation Layer (4.2.2)	Top Insulation Layer			Roof Cover (3.1.4)	MDP (psf)
			Type	Fastener (4.2.2)	Attach (3.1.2e)		
W-95.	Plywood, APA, 15/32-inch, rating 32/16, Grade CDX	(Optional) One or more layers, any combination, loose laid	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	3.1.1	1 per 2.13 ft ²	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-52.5
W-96.	Plywood, APA, 15/32-inch, rating 32/16, Grade CDX	(Optional) One or more layers, any combination, loose laid	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	3.1.1	1 per 1.8 ft ²	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-67.5
ELEVATE ULTRAPLY TPO XR / HOT ASPHALT SYSTEMS:							
W-97.	Plywood, APA, 15/32-inch, rating 32/16, Grade CDX or OSB (NO-HVHZ), APA, 7/16-inch (0.418 inch), Exposure 1	(Optional) One or more layers, any combination, loose laid	Min. 0.25-inch DensDeck Prime	3.1.1	1 per 2.7 ft ²	XR-HA	-45.0*
W-98.	Plywood, APA, 19/32-inch, rating 32/16, Grade CDX or OSB (NO-HVHZ), APA, 7/16-inch (0.418 inch), Exposure 1	(Optional) One or more layers, any combination, loose laid	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	3.1.1	1 per 2.13 ft ²	XR-HA	-45.0*
W-99.	Plywood, APA, 15/32-inch, rating 32/16, Grade CDX	(Optional) One or more layers, any combination, loose laid	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	3.1.1	1 per 1.6 ft ²	XR-HA	-45.0
ELEVATE ULTRAPLY TPO XR / JET BOND SYSTEMS:							
W-100.	Plywood, APA, 15/32-inch, rating 32/16, Grade CDX or OSB (NO-HVHZ), APA, 7/16-inch (0.418 inch), Exposure 1	(Optional) One or more layers, any combination, loose laid	Min. 0.25-inch DensDeck Prime	3.1.1	1 per 2.7 ft ²	XR-JBSA	-45.0*
W-101.	Plywood, APA, 19/32-inch, rating 32/16, Grade CDX or OSB (NO-HVHZ), APA, 7/16-inch (0.418 inch), Exposure 1	(Optional) One or more layers, any combination, loose laid	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	3.1.1	1 per 2.13 ft ²	XR-JBSA	-45.0*
W-102.	Plywood, APA, 15/32-inch, rating 32/16, Grade CDX	(Optional) One or more layers, any combination, loose laid	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	3.1.1	1 per 1.6 ft ²	XR-JBSA	-45.0
ELEVATE ULTRAPLY TPO XR / TWIN JET SYSTEMS:							
W-103.	Plywood, APA, 15/32-inch, rating 32/16, Grade CDX or OSB (NO-HVHZ), APA, 7/16-inch (0.418 inch), Exposure 1	(Optional) One or more layers, any combination, loose laid	Min. 0.25-inch DensDeck Prime	3.1.1	1 per 2.7 ft ²	XR-TJ or XR-TJY (RIBBON, 6 or SPATTER)	-45.0*
W-104.	Plywood, APA, 19/32-inch, rating 32/16, Grade CDX or OSB (NO-HVHZ), APA, 7/16-inch (0.418 inch), Exposure 1	(Optional) One or more layers, any combination, loose laid	Min. 0.25-inch DensDeck Prime	3.1.1	1 per 2.13 ft ²	XR-TJ or XR-TJY (RIBBON, 6 or SPATTER)	-45.0*

**TABLE 9D: WOOD DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

System No.	Deck (4.1.2)	Base Insulation Layer (4.2.2)	Top Insulation Layer			Roof Cover (3.1.4)	MDP (psf)
			Type	Fastener (4.2.2)	Attach (3.1.2e)		
W-105.	Plywood, APA, 19/32-inch, rating 32/16, Grade CDX or OSB (NO-HVHZ), APA, 7/16-inch (0.418 inch), Exposure 1	(Optional) One or more layers, any combination, loose laid	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	3.1.1	1 per 2.13 ft ²	XR-TJ or XR-TJY (RIBBON, 12 or SPATTER)	-45.0*
W-106.	Plywood, APA, 15/32-inch, rating 32/16, Grade CDX	(Optional) One or more layers, any combination, loose laid	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	3.1.1	1 per 1.6 ft ²	XR-TJ or XR-TJY (RIBBON, 12 or SPATTER)	-45.0
ELEVATE ULTRAPLY TPO XR / XR STICK SYSTEMS:							
W-107.	Plywood, APA, 15/32-inch, rating 32/16, Grade CDX or OSB (NO-HVHZ), APA, 7/16-inch (0.418 inch), Exposure 1	(Optional) One or more layers, any combination, loose laid	Min. 0.25-inch DensDeck Prime	3.1.1	1 per 2.7 ft ²	XR-XRSMA (RIBBON, 12)	-45.0*
W-108.	Plywood, APA, 19/32-inch, rating 32/16, Grade CDX or OSB (NO-HVHZ), APA, 7/16-inch (0.418 inch), Exposure 1	(Optional) One or more layers, any combination, loose laid	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	3.1.1	1 per 2.13 ft ²	XR-XRSMA (RIBBON, 12)	-45.0*
W-109.	Plywood, APA, 15/32-inch, rating 32/16, Grade CDX	(Optional) One or more layers, any combination, loose laid	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	3.1.1	1 per 1.6 ft ²	XR-XRSMA (RIBBON, 12)	-45.0
ELEVATE ULTRAPLY TPO SA SYSTEMS:							
W-110.	Plywood, APA, 15/32-inch, rating 32/16, Grade CDX	(Optional) One or more layers, any combination, loose laid	Min. 1-inch ISOGARD CG	3.1.1	1 per 4.0 ft ²	SA	-30.0* (NO HVHZ)
W-111.	Plywood, APA, 15/32-inch, rating 32/16, Grade CDX	(Optional) One or more layers, any combination, loose laid	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	3.1.1	1 per 4.0 ft ²	SA	-37.5* (NO HVHZ)
W-112.	Plywood, APA, 19/32-inch, rating 32/16, Grade CDX	(Optional) One or more layers, any combination, loose laid	Min. 2-inch ISOGARD GL	3.1.1	1 per 1.8 ft ²	SA	-45.0
W-113.	Plywood, APA, 15/32-inch, rating 32/16, Grade CDX	(Optional) One or more layers, any combination, loose laid	Min. 1-inch ISOGARD CG	3.1.1	1 per 2.7 ft ²	SA	-45.0*
W-114.	Plywood, APA, 15/32-inch, rating 32/16, Grade CDX	(Optional) One or more layers, any combination, loose laid	Min. 1-inch ISOGARD CG	3.1.1	1 per 1.6 ft ²	SA	-45.0
W-115.	Plywood, APA, 15/32-inch, rating 32/16, Grade CDX	(Optional) One or more layers, any combination, loose laid	Min. 0.5-inch Elevate ISOGARD HD	3.1.1	1 per 2.7 ft ²	SA	-45.0*
W-116.	Plywood, APA, 15/32-inch, rating 32/16, Grade CDX or OSB (NO-HVHZ), APA, 7/16-inch (0.418 inch), Exposure 1	(Optional) One or more layers, any combination, loose laid	Min. 0.25-inch DensDeck Prime	3.1.1	1 per 2.7 ft ²	SA	-45.0*

**TABLE 9D: WOOD DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

System No.	Deck (4.1.2)	Base Insulation Layer (4.2.2)	Top Insulation Layer			Roof Cover (3.1.4)	MDP (psf)
			Type	Fastener (4.2.2)	Attach (3.1.2e)		
W-117.	Plywood, APA, 23/32-inch, rating 48/24, Grade CDX	(Optional for Recover) Min. 1.5-inch thick, one or more layers, any combination, loose laid	Min. 0.25-inch DensDeck Prime	3.1.1	1 per 2.7 ft ²	SA	-45.0*
W-118.	Plywood, APA, 19/32-inch, rating 32/16, Grade CDX or OSB (NO-HVHZ), APA, 7/16-inch (0.418 inch), Exposure 1	(Optional) One or more layers, any combination, loose laid	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	3.1.1	1 per 2.13 ft ²	SA	-45.0*
W-119.	Plywood, APA, 15/32-inch, rating 32/16, Grade CDX	(Optional) One or more layers, any combination, loose laid	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	3.1.1	1 per 1.6 ft ²	SA	-45.0
W-120.	Plywood, APA, 19/32-inch, rating 32/16, Grade CDX	(Optional) One or more layers, any combination, loose laid	Min. 0.5-inch DensDeck Prime	3.1.1	1 per 1.6 ft ²	SA	-45.0
W-121.	Plywood, APA, 15/32-inch, rating 32/16, Grade CDX	(Optional) One or more layers, any combination, loose laid	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	3.1.1	1 per 2.13 ft ²	SA	-52.5
W-122.	Plywood, APA, 15/32-inch, rating 32/16, Grade CDX	(Optional) One or more layers, any combination, loose laid	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	3.1.1	1 per 1.8 ft ²	SA	-67.5

**TABLE 9E: WOOD DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE C-2: MECHANICALLY ATTACHED INSULATION, INDUCTION-WELDED ROOF COVER**

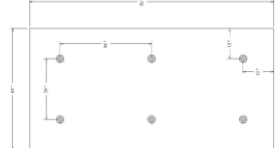
System No.	Deck (4.1.2)	Thermal Barrier and/or Insulation Layer (3.1.2)	Attachment		Roof Cover (3.1.4c)	MDP (psf)
			Fastener (3.1.1, 4.2.2)	Density / Pattern		
W-123.	Plywood, APA, 19/32-inch, rating 32/16, Grade CDX or OSB (NO-HVHZ), APA, 7/16-inch (0.418 inch.), Exposure 1	Any approved thermal barrier and/or insulation, any combination	Elevate Heavy Duty Fastener and Elevate UltraPly TPO InvisiWeld Plate	6 parts per 4 x 8 ft board 1 per 5.3 ft ² 	Elevate UltraPly TPO or UltraPly TPO Platinum induction welded to Elevate UltraPly TPO InvisiWeld Plate with RhinoBond Tool in accordance with manufacturer's instructions.	-45.0*
W-124.	Plywood, APA, 19/32-inch, rating 32/16, Grade CDX or OSB (NO-HVHZ), APA, 7/16-inch (0.418 inch.), Exposure 1	Any approved thermal barrier and/or insulation, any combination	Elevate Heavy Duty Fastener and Elevate UltraPly TPO InvisiWeld Plate	8 parts per 4 x 8 ft board 1 per 4.0 ft ²	Elevate UltraPly TPO or UltraPly TPO Platinum induction welded to Elevate UltraPly TPO InvisiWeld Plate with RhinoBond Tool in accordance with manufacturer's instructions.	-45.0*

TABLE 9E: WOOD DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE C-2: MECHANICALLY ATTACHED INSULATION, INDUCTION-WELDED ROOF COVER

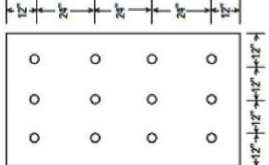
System No.	Deck (4.1.2)	Thermal Barrier and/or Insulation Layer (3.1.2)	Attachment		Roof Cover (3.1.4c)	MDP (psf)
			Fastener (3.1.1, 4.2.2)	Density / Pattern		
W-125.	Plywood, APA, 19/32-inch, rating 32/16, Grade CDX	(Optional) Any approved thermal barrier and/or insulation, any combination, prelim. attached (3.1.2)	Elevate Heavy Duty Fastener and Elevate UltraPly TPO InvisiWeld Plate	Max. 6-inch o.c. in rows max. 72-inch o.c.	Elevate UltraPly TPO or UltraPly TPO Platinum induction welded to Elevate UltraPly TPO InvisiWeld Plate with RhinoBond Tool in accordance with manufacturer's instructions.	-52.5
W-126.	Plywood, APA, 15/32-inch, rating 32/16, Grade CDX	Any approved thermal barrier and/or insulation, any combination	Elevate Heavy Duty Fastener and Elevate UltraPly TPO InvisiWeld Plate	12 parts per 4 x 8 ft board 1 per 2.7 ft ² 	Elevate UltraPly TPO or UltraPly TPO Platinum induction welded to Elevate UltraPly TPO InvisiWeld Plate with RhinoBond Tool in accordance with manufacturer's instructions.	-52.5
W-127.	Code minimum plywood or OSB (NO HVHZ)	(Optional) Any approved thermal barrier and/or insulation, any combination, prelim. attached (3.1.2)	Elevate Heavy Duty Fastener and Elevate UltraPly TPO InvisiWeld Plate	Fastener spaced max. 6-inch o.c. in rows spaced max. 96-inch o.c. along wood structural members	Elevate UltraPly TPO or UltraPly TPO Platinum induction welded to Elevate UltraPly TPO InvisiWeld Plate with RhinoBond Tool in accordance with manufacturer's instructions.	-75.0
W-128.	Plywood, APA, 19/32-inch, rating 32/16, Grade CDX	(Optional) Any approved thermal barrier and/or insulation, any combination, prelim. attached (3.1.2)	Elevate Heavy Duty Fastener and Elevate UltraPly TPO InvisiWeld Plate	Max. 6-inch o.c. in rows max. 60-inch o.c.	Elevate UltraPly TPO or UltraPly TPO Platinum induction welded to Elevate UltraPly TPO InvisiWeld Plate with RhinoBond Tool in accordance with manufacturer's instructions.	-82.5

TABLE 9F: WOOD DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE D-1: INSULATED, MECHANICALLY ATTACHED ROOF COVER (STRESS PLATES)

System No.	Deck (4.1.2)	Insulation (4.2.2)		Roof Cover (3.1.4)			MDP (psf)
		Type	Attach (3.1.2)	Membrane	Fastener (3.1.1, 4.2.2)	Attach	
W-129.	Plywood, APA, 15/32-inch, rating 32/16, Grade CDX or OSB (NO-HVHZ), APA, 7/16-inch (0.418 inch), Exposure 1	Min. 1-inch ISOGARD GL or ISOGARD CG, min. 0.5-inch Elevate ISOGARD HD and/or min. 0.25-inch DensDeck, DensDeck Prime, SECUROCK Gypsum Fiber Roof Board	prelim. attached	Elevate UltraPly TPO or UltraPly TPO Platinum	Elevate HD Fastener with Elevate HD Seam Plate	12-inch o.c. within 6-inch wide laps spaced 42-inch o.c. Laps sealed with 1.5-inch heat weld.	-30.0* (NO HVHZ)
W-130.	Plywood, APA, 15/32-inch, rating 32/16, Grade CDX or OSB (NO-HVHZ), APA, 7/16-inch (0.418 inch), Exposure 1	Min. 1-inch ISOGARD GL or ISOGARD CG, min. 0.5-inch Elevate ISOGARD HD and/or min. 0.25-inch DensDeck, DensDeck Prime, SECUROCK Gypsum Fiber Roof Board	prelim. attached	Elevate UltraPly TPO or UltraPly TPO Platinum	Elevate HD Fastener with Elevate HD Seam Plate	6-inch o.c. within 6-inch wide laps spaced 42-inch o.c. Laps sealed with 1.5-inch heat weld.	-45.0*

**NEMO EVALUATIONS REPORT**

Report No.: NER-AMZ-001.B.R4

Revision 4: 2026-06-09

Page 32 of 124

Amrize Building Envelope LLC (Elevate)

FL10264-R23



ISO/IEC 17065



PCA-145

**TABLE 9F: WOOD DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE D-1: INSULATED, MECHANICALLY ATTACHED ROOF COVER (STRESS PLATES)**

System No.	Deck (4.1.2)	Insulation (4.2.2)		Roof Cover (3.1.4)			MDP (psf)
		Type	Attach (3.1.2)	Membrane	Fastener (3.1.1, 4.2.2)	Attach	
W-131.	Plywood, APA, 19/32-inch, rating 32/16, Grade CDX or OSB (NO-HVHZ), APA, 7/16-inch (0.418 inch.), Exposure 1	Min. 1-inch ISOGARD GL or ISOGARD CG, min. 0.5-inch Elevate ISOGARD HD and/or min. 0.25-inch DensDeck, DensDeck Prime, SECUROCK Gypsum Fiber Roof Board	prelim. attached	Elevate UltraPly TPO or UltraPly TPO Platinum	Elevate HD Fastener with Elevate HD Seam Plate	24-inch o.c. within 6-inch wide laps spaced 42-inch o.c. Laps sealed with 1.5-inch heat weld.	-45.0*
W-132.	Plywood, APA, 15/32-inch, rating 32/16, Grade CDX	Optional min. 1-inch ISOGARD GL or ISOGARD CG followed by min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board, min. 0.5-inch Elevate ISOGARD HD, min. 1-inch ISOGARD CG or min. 1.5-inch Elevate ISOGARD HD Composite	prelim. attached	Elevate UltraPly TPO (min. 60-mil) or UltraPly TPO Platinum	Elevate HD Fastener with Elevate HD Seam Plate	5-inch o.c. within 6-inch wide laps spaced 114-inch o.c. Laps sealed with 1.5-inch heat weld.	-45.0
W-133.	Plywood, APA, 19/32-inch, rating 40/20, Grade CDX or nominal 1-inch wood plank	Min. 0.5-inch thick, one or more layers, any combination	prelim. attached	Elevate UltraPly TPO XR 100	Elevate HD Fastener with Elevate HD Seam Plate	6-inch o.c. within 6-inch wide laps spaced 114-inch o.c. Laps sealed with 1.5-inch heat weld that encapsulates plates.	-45.0
W-134.	Plywood, APA, 19/32-inch, rating 32/16, Grade CDX or nominal 1-inch wood plank	Min. 1.5-inch thick, one or more layers, any combination	prelim. attached	Elevate UltraPly TPO or UltraPly TPO Platinum	Elevate HD Fastener with Elevate HD Seam Plate	6-inch o.c. within 6-inch wide laps spaced 90.5-inch o.c. Laps sealed with 5-inch heat weld that encapsulates plates.	-60.0
W-135.	Plywood, APA, 19/32-inch, rating 40/20, Grade CDX or nominal 1-inch wood plank	Min. 0.5-inch thick, one or more layers, any combination	prelim. attached	Elevate UltraPly TPO or Elevate UltraPly TPO XR 100	Elevate HD Fastener with Elevate HD Seam Plate	6-inch o.c. within 6-inch wide laps spaced 54-inch o.c. Laps sealed with 1.5-inch heat weld that encapsulates plates.	-60.0

**TABLE 9G: WOOD DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE D-1: INSULATED, MECHANICALLY ATTACHED ROOF COVER (BATTEN STRIPS)**

System No.	Deck (4.1.2)	Insulation (4.2.2)		Roof Cover (3.1.4)			MDP (psf)
		Type	Attach (3.1.2)	Membrane	Fastener (3.1.1, 4.2.2)	Attach	
W-136.	Plywood, APA, 15/32-inch, rating 32/16, Grade CDX	Min. 0.5-inch thick, one or more layers, any combination	prelim. attached	Elevate UltraPly TPO or UltraPly TPO Platinum	Elevate UltraPly QuickSeam R.M.A. Strips with Elevate All-Purpose Fastener with Elevate Polymer Batten Strip	Elevate UltraPly QuickSeam R.M.A. Strips are applied over the insulation spaced 96-inch o.c. The batten is centered over each strip and fastened 6-inch o.c. Roof cover adhered to each strip by first priming with Single-Ply QuickPrime Primer at the strip location, then rolling into place with a hand roller.	-30.0 (NO HVHZ)

**NEMO EVALUATIONS REPORT**

Report No.: NER-AMZ-001.B.R4

Revision 4: 2026-06-09

Page 33 of 124

Amrize Building Envelope LLC (Elevate)

FL10264-R23



ISO/IEC 17065



PCA-145

**TABLE 9H: WOOD DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE E-1: NON-INSULATED, MECHANICALLY ATTACHED ROOF COVER**

System No.	Deck (4.1.2)	Roof Cover			MDP (psf)
		Membrane	Fastener (4.2.2)	Attach	
W-137.	Plywood, APA, 19/32-inch, rating 32/16, Grade CDX	Elevate UltraPly TPO or UltraPly TPO Platinum	Elevate HD Fastener with Elevate HD Seam Plate	6-inch o.c. within 6-inch wide laps spaced 72-inch o.c. Laps sealed with 1.5-inch heat weld.	-45.0

**TABLE 9I: WOOD DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE F: NON-INSULATED, BONDED ROOF COVER
NOT FOR USE IN HVHZ JURISDICTIONS**

System No.	Deck (4.1.2)	Roof Cover (3.1.4)	MDP (psf)
W-138.	OSB (NO-HVHZ), APA, 7/16-inch (0.418 inch), Exposure 1 (installed smooth side up)	SA	-67.5
W-139.	Plywood, APA, 19/32-inch, rating 32/16, Grade CDX	SA	-97.5

**TABLE 10A: STEEL DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck (4.1.2, 4.2.2)	Base Insulation Layer		Top Insulation Layer		Roof Cover (3.1.4)	MDP (psf)*
		Type	Attach (3.1.3)	Type	Attach (3.1.3)		
ELEVATE ULTRAPLY TPO SYSTEMS:							
SC-1.	Min. 22 ga., type B, Grade 33 steel	Min. 1.5-inch ISOGARD GL	I.S.O. Stick, Twin Jet, Twin Jet Y or I.S.O. Twin Pack, 12-inch o.c. along top flanges of steel deck	(Optional) Additional layers base insulation	I.S.O. Stick, Twin Jet, Twin Jet Y or I.S.O. Twin Pack	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-45.0
SC-2.	Min. 22 ga., type B, Grade 33 steel	Min. 2-inch ISOGARD GL	I.S.O. Twin Pack, 6-inch o.c. along top flanges of steel deck	(Optional) Additional layers base insulation	I.S.O. Twin Pack, 6-inch o.c.	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-75.0
ELEVATE ULTRAPLY TPO SA SYSTEMS:							
SC-3.	Min. 22 ga., type B, Grade 33 steel	Min. 1.5-inch ISOGARD GL	I.S.O. Stick, Twin Jet, Twin Jet Y or I.S.O. Twin Pack, 12-inch o.c. along top flanges of steel deck	(Optional) Additional layers base insulation	I.S.O. Stick, Twin Jet, Twin Jet Y or I.S.O. Twin Pack	SA	-45.0
SC-4.	Min. 22 ga., type B, Grade 33 steel	Min. 2-inch ISOGARD GL	I.S.O. Twin Pack, 6-inch o.c. along top flanges of steel deck	(Optional) Additional layers base insulation	I.S.O. Twin Pack, 6-inch o.c.	SA	-75.0

TABLE 10B: STEEL DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-2: BONDED VAPOR/AIR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER

System No.	Deck (4.1.2, 4.2.2)	Vapor or Air Barrier	Base Insulation Layer		Top Insulation Layer		Roof Cover (3.1.4)	MDP (psf)
			Type	Attach (3.1.3)	Type	Attach (3.1.3)		
ELEVATE ULTRAPLY TPO SYSTEMS:								
SC-5.	Min. 22 ga., type B, Grade 33 steel	V-Force or V-Force FR with min. 3-inch side laps self-adhered to top flanges of steel deck	Min. 1.5-inch ISOGARD GL	I.S.O. Spray R or I.S.O. Twin Pack, 12-inch o.c. along top flanges of steel deck	(Optional) Additional layers base insulation	I.S.O. Spray R or I.S.O. Twin Pack	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-37.5 (NO HVHZ)
SC-6.	Min. 22 ga., type B, Grade 33 steel	V-Force or V-Force FR with min. 3-inch side laps self-adhered to top flanges of steel deck	Min. 1.5-inch ISOGARD GL	I.S.O. Stick, Twin Jet, Twin Jet Y or I.S.O. Spray R or I.S.O. Twin Pack, 12-inch o.c. along top flanges of steel deck	(Optional) Additional layers base insulation	I.S.O. Stick, Twin Jet, Twin Jet Y or I.S.O. Spray R or I.S.O. Twin Pack	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-45.0*
SC-7.	Min. 22 ga., type B, Grade 33 steel	V-Force with min. 3-inch side laps self-adhered to top flanges of steel deck	Min. 2-inch ISOGARD GL	I.S.O. Twin Pack, 6-inch o.c. along top flanges of steel deck	(Optional) Additional layers base insulation	I.S.O. Twin Pack, 6-inch o.c.	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-60.0
SC-8.	Min. 22 ga., type B, Grade 33 steel	V-Force FR with min. 3-inch side laps self-adhered to top flanges of steel deck	Min. 2-inch ISOGARD GL	I.S.O. Twin Pack, 6-inch o.c. along top flanges of steel deck	(Optional) Additional layers base insulation	I.S.O. Twin Pack, 6-inch o.c.	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-45.0
SC-9.	Min. 22 ga., Type B, Grade 40 steel	V-Force FR, self-adhering	One or more layer(s), Min. 2-inch Elevate ISOGARD GL, Elevate ISOGARD CG	I.S.O. Twin Pack or I.S.O. Spray R, 6-inch o.c.	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	I.S.O. Twin Pack or I.S.O. Spray R, 6-inch o.c.	BB-JBSA, BB-LVOC-1168, BB-UPBA	-90.0
SC-10.	Min. 22 ga., Type B, Grade 40 steel	V-Force FR, self-adhering	One or more layer(s), Min. 2-inch Elevate ISOGARD GL, Elevate ISOGARD CG	I.S.O. Twin Pack or I.S.O. Spray R, 6-inch o.c.	Min. 0.5-inch Elevate ISOGARD HD	I.S.O. Twin Pack or I.S.O. Spray R, 6-inch o.c.	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-90.0
SC-11.	Min. 22 ga., Type B, Grade 40 steel	V-Force FR, self-adhering	One or more layer(s), Min. 2-inch Elevate ISOGARD GL, Elevate ISOGARD CG	I.S.O. Twin Pack or I.S.O. Spray R, 6-inch o.c.	Min. 7/16-inch DEXcell Cement Roof Board	I.S.O. Twin Pack or I.S.O. Spray R, 6-inch o.c.	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-90.0
SC-12.	Min. 22 ga., Type B, Grade 40 steel	V-Force FR, self-adhering	One or more layer(s), Min. 2-inch Elevate ISOGARD GL or Elevate ISOGARD CG	Twin Jet Y (SPATTER)	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Twin Jet Y (SPATTER)	BB-JBSA, BB-LVOC-1168, BB-UPBA	-90.0

**NEMO EVALUATIONS REPORT**

Report No.: NER-AMZ-001.B.R4

Revision 4: 2026-06-09

Page 35 of 124

Amrize Building Envelope LLC (Elevate)

FL10264-R23



ISO/IEC 17065

PCA-145

TABLE 10B: STEEL DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-2: BONDED VAPOR/AIR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER

System No.	Deck (4.1.2, 4.2.2)	Vapor or Air Barrier	Base Insulation Layer		Top Insulation Layer		Roof Cover (3.1.4)	MDP (psf)
			Type	Attach (3.1.3)	Type	Attach (3.1.3)		
SC-13.	Min. 22 ga., Type B, Grade 40 steel	V-Force FR, self-adhering	One or more layer(s), Min. 2-inch Elevate ISOGARD GL or Elevate ISOGARD CG	Twin Jet Y (SPATTER)	Min. 0.5-inch Elevate ISOGARD HD	Twin Jet Y (SPATTER)	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-90.0
SC-14.	Min. 22 ga., Type B, Grade 40 steel	V-Force FR, self-adhering	One or more layer(s), Min. 2-inch Elevate ISOGARD GL or Elevate ISOGARD CG	Twin Jet Y (SPATTER)	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	Twin Jet Y (SPATTER)	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-90.0
SC-15.	Min. 22 ga., Type B, Grade 40 steel	V-Force FR, self-adhering	One or more layer(s), Min. 2-inch Elevate ISOGARD GL or Elevate ISOGARD CG	Twin Jet Y (SPATTER)	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Twin Jet Y (SPATTER)	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-90.0
ELEVATE ULTRAPLY TPO XR SYSTEMS:								
SC-16.	Min. 22 ga., Type B, Grade 40 steel	V-Force FR, self-adhering	One or more layer(s), Min. 2-inch Elevate ISOGARD GL, Elevate ISOGARD CG	I.S.O. Twin Pack or I.S.O. Spray R, 6-inch o.c.	0.5-inch SECUROCK Gypsum-Fiber Roof Board	I.S.O. Twin Pack or I.S.O. Spray R, 6-inch o.c.	XR-HA	-90.0
SC-17.	Min. 22 ga., Type B, Grade 40 steel	V-Force FR, self-adhering	One or more layer(s), Min. 2-inch Elevate ISOGARD GL, Elevate ISOGARD CG	I.S.O. Twin Pack or I.S.O. Spray R, 6-inch o.c.	Min. 7/16-inch DEXcell Cement Roof Board or min 0.5-inch SECUROCK Gypsum-Fiber Roof Board or ISOGARD HD	I.S.O. Twin Pack or I.S.O. Spray R, 6-inch o.c.	XR-JBSA, XR-ISOR (RIBBON, 4), XR-XRSMA (RIBBON, 4), XR-TJ, or XR-TJY	-90.0
SC-18.	Min. 22 ga., Type B, Grade 40 steel	V-Force FR, self-adhering	One or more layer(s), Min. 2-inch Elevate ISOGARD GL, Elevate ISOGARD CG	I.S.O. Twin Pack or I.S.O. Spray R, 6-inch o.c.	0.5-inch SECUROCK Gypsum-Fiber Roof Board or ISOGARD HD	I.S.O. Twin Pack or I.S.O. Spray R, 6-inch o.c.	XR-BA	-90.0
SC-19.	Min. 22 ga., Type B, Grade 40 steel	V-Force FR, self-adhering	One or more layer(s), Min. 2-inch Elevate ISOGARD GL or Elevate ISOGARD CG	Twin Jet Y (SPATTER)	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Twin Jet Y (SPATTER)	XR-HA	-90.0

**NEMO EVALUATIONS REPORT**

Report No.: NER-AMZ-001.B.R4

Revision 4: 2026-06-09

Page 36 of 124

Amrize Building Envelope LLC (Elevate)

FL10264-R23



ISO/IEC 17065

PCA-145

TABLE 10B: STEEL DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-2: BONDED VAPOR/AIR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER

System No.	Deck (4.1.2, 4.2.2)	Vapor or Air Barrier	Base Insulation Layer		Top Insulation Layer		Roof Cover (3.1.4)	MDP (psf)
			Type	Attach (3.1.3)	Type	Attach (3.1.3)		
SC-20.	Min. 22 ga., Type B, Grade 40 steel	V-Force FR, self-adhering	One or more layer(s), Min. 2-inch Elevate ISOGARD GL or Elevate ISOGARD CG	Twin Jet Y (SPATTER)	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board, min. 7/16-inch DEXcell Cement Roof Board or min. 0.5-inch Elevate ISOGARD HD	Twin Jet Y (SPATTER)	XR-JBSA, XR-ISOR (RIBBON, 4), XR-XRSMA (RIBBON, 4), XR-TJ, or XR-TJY	-90.0
SC-21.	Min. 22 ga., Type B, Grade 40 steel	V-Force FR, self-adhering	One or more layer(s), Min. 2-inch Elevate ISOGARD GL or Elevate ISOGARD CG	Twin Jet Y (SPATTER)	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch Elevate ISOGARD HD	Twin Jet Y (SPATTER)	XR-BA	-90.0
SC-22.	Min. 22 ga., Type B, Grade 40 steel	V-Force FR, self-adhering	One or more layer(s), Min. 2-inch Elevate ISOGARD GL or Elevate ISOGARD CG	Twin Jet Y (SPATTER)	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Twin Jet Y (SPATTER)	XR-JBSA, XR-ISOR (RIBBON, 4), XR-XRSMA (RIBBON, 4), XR-TJ	-90.0
ELEVATE ULTRAPLY TPO SA SYSTEMS:								
SC-23.	Min. 22 ga., Type B, Grade 33 steel	V-Force or V-Force FR with min. 3-inch side laps self-adhered to top flanges of steel deck	Min. 1.5-inch ISOGARD GL	I.S.O. Spray R or I.S.O. Twin Pack, 12-inch o.c. along top flanges of steel deck	(Optional) Additional layers base insulation	I.S.O. Spray R or I.S.O. Twin Pack	SA	-37.5 (NO HVHZ)
SC-24.	Min. 22 ga., Type B, Grade 33 steel	V-Force or V-Force FR with min. 3-inch side laps self-adhered to top flanges of steel deck	Min. 1.5-inch ISOGARD GL	I.S.O. Stick, Twin Jet, Twin Jet Y or I.S.O. Spray R or I.S.O. Twin Pack, 12-inch o.c. along top flanges of steel deck	(Optional) Additional layers base insulation	I.S.O. Stick, Twin Jet, Twin Jet Y or I.S.O. Spray R or I.S.O. Twin Pack	SA	-45.0*
SC-25.	Min. 22 ga., Type B, Grade 33 steel	V-Force with min. 3-inch side laps self-adhered to top flanges of steel deck	Min. 2-inch ISOGARD GL	I.S.O. Twin Pack, 6-inch o.c. along top flanges of steel deck	(Optional) Additional layers base insulation	I.S.O. Twin Pack, 6-inch o.c.	SA	-60.0
SC-26.	Min. 22 ga., Type B, Grade 33 steel	V-Force FR with min. 3-inch side laps self-adhered to top flanges of steel deck	Min. 2-inch ISOGARD GL	I.S.O. Twin Pack, 6-inch o.c. along top flanges of steel deck	(Optional) Additional layers base insulation	I.S.O. Twin Pack, 6-inch o.c.	SA	-45.0
SC-27.	Min. 22 ga., Type B, Grade 40 steel	V-Force FR, self-adhering	One or more layer(s), Min. 2-inch Elevate ISOGARD GL or Elevate ISOGARD CG	I.S.O. Twin Pack or I.S.O. Spray R, 6-inch o.c.	Min 0.5-inch SECUROCK Gypsum-Fiber Roof Board or ISOGARD HD	I.S.O. Twin Pack or I.S.O. Spray R, 6-inch o.c.	SA	-90.0

TABLE 10B: STEEL DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-2: BONDED VAPOR/AIR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER

System No.	Deck (4.1.2, 4.2.2)	Vapor or Air Barrier	Base Insulation Layer		Top Insulation Layer		Roof Cover (3.1.4)	MDP (psf)
			Type	Attach (3.1.3)	Type	Attach (3.1.3)		
SC-28.	Min. 22 ga., Type B, Grade 40 steel	V-Force FR, self-adhering	One or more layer(s), Min. 2-inch Elevate ISOGARD GL or Elevate ISOGARD CG	Twin Jet Y (SPATTER)	Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board, Elevate ISOGARD HD	Twin Jet Y (SPATTER)	SA	-90.0

TABLE 10C: STEEL DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-3: BONDED THERMAL BARRIER, BONDED VAPOR BARRIER/AIR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER

System No.	Deck (4.1.2, 4.2.2)	Thermal Barrier		Vapor or Air Barrier	Base Insulation Layer		Top Insulation Layer		Roof Cover (3.1.4)	MDP (psf)
		Type	Attach (3.1.3)		Type	Attach (3.1.3)	Type	Attach (3.1.3)		
ELEVATE ULTRAPLY TPO SYSTEMS:										
SC-29.	Min. 22 ga., Type B, Grade 33 steel	Min. 0.5-inch DensDeck Prime	I.S.O. Stick, Twin Jet, Twin Jet Y, 12-inch o.c. along top flanges of steel deck	BASEGARD SA with min. 3-inch side laps self-adhered	Min. 0.5-inch ISOGARD GL	Hot asphalt	(Optional) Additional layers base insulation	Hot asphalt	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-45.0*
SC-30.	Min. 22 ga., Type B, Grade 40 steel	Min. 7/16-inch DEXcell Cement Roof Board or min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board, or DEXcell FA Glass Mat Roof Board	I.S.O. Twin Pack or I.S.O. Spray R (every other flute)	V-Force FR, self-adhering	One or more layers, min. 1-inch Elevate ISOGARD GL, Elevate ISOGARD CG,	I.S.O. Twin Pack or I.S.O. Spray R	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	I.S.O. Twin Pack or I.S.O. Spray R	BB-JBSA, BB-LVOC-1168, BB-UPBA	-52.5
SC-31.	Min. 22 ga., Type B, Grade 40 steel	Min. 7/16-inch DEXcell Cement Roof Board or min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board, or DEXcell FA Glass Mat Roof Board	I.S.O. Twin Pack or I.S.O. Spray R (every other flute)	V-Force FR, self-adhering	One or more layers, min. 1-inch Elevate ISOGARD GL, Elevate ISOGARD CG,	I.S.O. Twin Pack or I.S.O. Spray R	Min. 0.5-inch Elevate ISOGARD HD	I.S.O. Twin Pack or I.S.O. Spray R	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-52.5
SC-32.	Min. 22 ga., Type B, Grade 40 steel	Min. 7/16-inch DEXcell Cement Roof Board or min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board, or DEXcell FA Glass Mat Roof Board	I.S.O. Twin Pack or I.S.O. Spray R (every other flute)	V-Force FR, self-adhering	One or more layers, min. 1-inch Elevate ISOGARD GL, Elevate ISOGARD CG,	I.S.O. Twin Pack or I.S.O. Spray R	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	I.S.O. Twin Pack or I.S.O. Spray R	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-52.5



NEMO EVALUATIONS REPORT

Report No.: NER-AMZ-001.B.R4

Revision 4: 2026-06-09

Page 38 of 124

Amrize Building Envelope LLC (Elevate)

FL10264-R23



ISO/IEC 17065



PCA-145

TABLE 10c: STEEL DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)

SYSTEM TYPE A-3: BONDED THERMAL BARRIER, BONDED VAPOR BARRIER/AIR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER

System No.	Deck (4.1.2, 4.2.2)	Thermal Barrier		Vapor or Air Barrier	Base Insulation Layer		Top Insulation Layer		Roof Cover (3.1.4)	MDP (psf)
		Type	Attach (3.1.3)		Type	Attach (3.1.3)	Type	Attach (3.1.3)		
ELEVATE ULTRAPLY TPO XR SYSTEMS:										
SC-33.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.4375-inch DEXcell Cement Roof Board or min. 0.5-inch DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or DEXcell FA Glass Mat Roof Board	I.S.O. Twin Pack or I.S.O. Spray R (every other flute)	V-Force FR, self-adhering	One or more layers, min. 1-inch Elevate ISOGARD GL, Elevate ISOGARD CG,	I.S.O. Twin Pack or I.S.O. Spray R	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	I.S.O. Twin Pack or I.S.O. Spray R	XR-HA	-52.5
SC-34.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.4375-inch DEXcell Cement Roof Board or min. 0.5-inch DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or DEXcell FA Glass Mat Roof Board	I.S.O. Twin Pack or I.S.O. Spray R (every other flute)	V-Force FR, self-adhering	One or more layers, min. 1-inch Elevate ISOGARD GL, Elevate ISOGARD CG,	I.S.O. Twin Pack or I.S.O. Spray R	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board, min. 7/16-inch DEXcell Cement Roof Board or min. 0.5-inch Elevate ISOGARD HD	I.S.O. Twin Pack or I.S.O. Spray R	XR-JBSA, XR-ISOR (RIBBON, 4), XR-XRSMA (RIBBON, 4), XR-TJ, or XR-TJY	-52.5
SC-35.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.4375-inch DEXcell Cement Roof Board or min. 0.5-inch DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or DEXcell FA Glass Mat Roof Board	I.S.O. Twin Pack or I.S.O. Spray R (every other flute)	V-Force FR, self-adhering	One or more layers, min. 1-inch Elevate ISOGARD GL, Elevate ISOGARD CG,	I.S.O. Twin Pack or I.S.O. Spray R	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch Elevate ISOGARD HD	I.S.O. Twin Pack or I.S.O. Spray R	XR-BA	-52.5
ELEVATE ULTRAPLY TPO SA SYSTEMS:										
SC-36.	Min. 22 ga., Type B, Grade 33 steel	Min. 0.5-inch DensDeck Prime	I.S.O. Stick, Twin Jet, Twin Jet Y, 12-inch o.c. along top flanges of steel deck	BASEGARD SA with min. 3-inch side laps self-adhered	Min. 0.5-inch ISOGARD GL	Hot asphalt	(Optional) Additional layers base insulation	Hot asphalt	SA	-45.0*
SC-37.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.4375-inch DEXcell Cement Roof Board or min. 0.5-inch DensDeck Prime SECUROCK Gypsum-Fiber Roof Board, or DEXcell FA Glass Mat Roof Board	I.S.O. Twin Pack or I.S.O. Spray R (every other flute)	V-Force FR, self-adhering	One or more layers, min. 1-inch Elevate ISOGARD GL, Elevate ISOGARD CG,	I.S.O. Twin Pack or I.S.O. Spray R	Min. 0.25-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch Elevate ISOGARD HD	I.S.O. Twin Pack or I.S.O. Spray R	SA	-52.5

**NEMO EVALUATIONS REPORT**

Report No.: NER-AMZ-001.B.R4

Revision 4: 2026-06-09

Page 39 of 124

Amrize Building Envelope LLC (Elevate)

FL10264-R23



ISO/IEC 17065

PCA-145

**TABLE 10D: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION(S), BONDED ROOF COVER**

System No.	Deck (4.1.2)	Base Insulation Layer			Top Insulation Layer		Roof Cover (3.1.4)	MDP (psf)
		Type	Fastener (4.2.3)	Attach (3.1.2f)	Type	Attach (3.1.3)		
ELEVATE ULTRAPLY TPO SYSTEMS:								
SC-38.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch ISOGARD GL or ISOGARD CG	3.1.1	1 per 4.0 ft ²	Min. 0.5-inch Elevate ISOGARD HD	I.S.O. Stick, Twin Jet, Twin Jet Y, I.S.O. Spray R, I.S.O. Twin Pack	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA,	-37.5* (NO HVHZ)
SC-39.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch ISOGARD GL	3.1.1	1 per 2.0 ft ²	Optional min. 1.5-inch ISOGARD GL followed by min. 0.5-inch Tapered ISOGARD GL	I.S.O. Spray R	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-45.0*
SC-40.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch ISOGARD CG	3.1.1	1 per 2.7 ft ²	Optional min. 1.5-inch ISOGARD CG followed by min. 0.5-inch Tapered ISOGARD CG	I.S.O. Stick, I.S.O. Spray R, I.S.O. Twin Pack	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-45.0*
SC-41.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch ISOGARD CG	3.1.1	1 per 4.0 ft ²	Optional min. 1.5-inch ISOGARD CG followed by min. 0.5-inch Tapered ISOGARD CG	I.S.O. Stick, Twin Jet, Twin Jet Y, I.S.O. Spray R, I.S.O. Twin Pack	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-45.0*
SC-42.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch ISOGARD GL	3.1.1	1 per 4.0 ft ²	Min. 1.5-inch Elevate ISOGARD HD Composite	I.S.O. Stick, Twin Jet, Twin Jet Y, I.S.O. Spray R, I.S.O. Twin Pack	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-45.0*
SC-43.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch ISOGARD GL	3.1.1	1 per 2.7 ft ²	Min. 1.5-inch Elevate ISOGARD HD Composite	I.S.O. Stick, Twin Jet, Twin Jet Y, I.S.O. Spray R, I.S.O. Twin Pack	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-45.0*
SC-44.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch ISOGARD GL	3.1.1	1 per 2.0 ft ²	Min. 0.5-inch Elevate ISOGARD HD	I.S.O. Spray R, I.S.O. Twin Pack	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-45.0*
SC-45.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch ISOGARD GL	3.1.1	1 per 2.0 ft ²	Min. 0.5-inch Elevate ISOGARD HD	I.S.O. Stick, Twin Jet, Twin Jet Y	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-45.0*
SC-46.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch ISOGARD GL	3.1.1	1 per 2.0 ft ²	Min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	I.S.O. Spray R, I.S.O. Twin Pack, I.S.O. Stick, Twin Jet, Twin Jet Y	BB-JBSA or BB-UPBA	-45.0*
SC-47.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch ISOGARD GL	3.1.1	1 per 2.0 ft ²	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	I.S.O. Spray R, I.S.O. Twin Pack, I.S.O. Stick, Twin Jet, Twin Jet Y	BB-LVOC-1168	-45.0*
SC-48.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch ISOGARD GL	3.1.1	1 per 2.0 ft ²	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	I.S.O. Spray R, I.S.O. Twin Pack, I.S.O. Stick, Twin Jet	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-45.0*
SC-49.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch ISOGARD GL	3.1.1	1 per 2.0 ft ²	Optional min. 1.5-inch ISOGARD GL or min. 0.5-inch Tapered ISOGARD GL followed by min. 0.5-inch Elevate ISOGARD HD	I.S.O. Spray R	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-45.0*

**NEMO EVALUATIONS REPORT**

Report No.: NER-AMZ-001.B.R4

Revision 4: 2026-06-09

Page 40 of 124

Amrize Building Envelope LLC (Elevate)

FL10264-R23



ISO/IEC 17065

PCA-145

**TABLE 10D: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION(S), BONDED ROOF COVER**

System No.	Deck (4.1.2)	Base Insulation Layer			Top Insulation Layer		Roof Cover (3.1.4)	MDP (psf)
		Type	Fastener (4.2.3)	Attach (3.1.2f)	Type	Attach (3.1.3)		
SC-50.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	3.1.1	1 per 4.0 ft ²	Optional min. 1.5-inch ISOGARD CG followed by min. 0.5-inch Tapered ISOGARD CG	I.S.O. Stick, Twin Jet, Twin Jet Y, I.S.O. Spray R, I.S.O. Twin Pack	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-45.0*
SC-51.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 0.5-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	3.1.1	1 per 2.0 ft ²	Min. 1.5-inch ISOGARD GL followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	I.S.O. Stick, Twin Jet, Twin Jet Y, I.S.O. Spray R, I.S.O. Twin Pack	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-45.0*
SC-52.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 0.5-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	3.1.1	1 per 2.0 ft ²	Min. 1.5-inch ISOGARD GL followed by Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	I.S.O. Stick, Twin Jet, I.S.O. Spray R, I.S.O. Twin Pack	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-45.0*
SC-53.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch ISOGARD GL	3.1.1	1 per 1.6 ft ²	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	I.S.O. Stick, Twin Jet, Twin Jet Y, I.S.O. Spray R, I.S.O. Twin Pack, 6-inch o.c.	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-60.0
SC-54.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch ISOGARD GL	3.1.1	1 per 1.6 ft ²	Min. 0.5-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	I.S.O. Stick, Twin Jet, I.S.O. Spray R, I.S.O. Twin Pack, 6-inch o.c.	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-60.0
SC-55.	Min. 22 ga., Type B, 50 ksi steel or structural concrete	Min. 1.5-inch ISOGARD GL or ISOGARD CG	3.1.1	1 per 1.8 ft ²	Min. 1.5-inch Elevate ISOGARD HD Composite	I.S.O. Stick, Twin Jet, Twin Jet Y, 12-inch o.c.	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-60.0
SC-56.	Min. 22 ga., Type B, 50 ksi steel or structural concrete	Min. 2-inch ISOGARD GL	3.1.1	1 per 1.8 ft ²	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	I.S.O. Stick, Twin Jet, Twin Jet Y, 6-inch o.c.	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-67.5
SC-57.	Min. 22 ga., Type B, 50 ksi steel or structural concrete	Min. 2-inch ISOGARD GL	3.1.1	1 per 1.8 ft ²	Min. 0.5-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	I.S.O. Stick, Twin Jet, 6-inch o.c.	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-67.5
SC-58.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch ISOGARD GL or ISOGARD CG	3.1.1	1 per 1.6 ft ²	Min. 1.5-inch ISOGARD GL or ISOGARD CG	I.S.O. Spray R, I.S.O. Twin Pack	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-75.0
SC-59.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch ISOGARD GL	3.1.1	1 per 1.6 ft ²	Min. 0.5-inch Elevate ISOGARD HD	I.S.O. Stick, Twin Jet, Twin Jet Y, I.S.O. Spray R, I.S.O. Twin Pack, 6-inch o.c.	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-82.5
SC-60.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch ISOGARD GL	3.1.1	1 per 1.0 ft ²	Min. 0.5-inch Elevate ISOGARD HD	I.S.O. Stick, Twin Jet, Twin Jet Y, I.S.O. Twin Pack, 4-inch o.c.	BB-LVOC, BB-LVOC-1168 or BB-UPBA	-90.0
SC-61.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch ISOGARD GL	3.1.1	1 per 1.0 ft ²	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	I.S.O. Stick, Twin Jet, Twin Jet Y, I.S.O. Twin Pack, 4-inch o.c.	BB-LVOC, BB-LVOC-1168 or BB-UPBA	-105.0

**NEMO EVALUATIONS REPORT**

Report No.: NER-AMZ-001.B.R4

Revision 4: 2026-06-09

Page 41 of 124

Amrize Building Envelope LLC (Elevate)

FL10264-R23



ISO/IEC 17065

[PCA-145](#)**TABLE 10D: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION(S), BONDED ROOF COVER**

System No.	Deck (4.1.2)	Base Insulation Layer			Top Insulation Layer		Roof Cover (3.1.4)	MDP (psf)
		Type	Fastener (4.2.3)	Attach (3.1.2f)	Type	Attach (3.1.3)		
SC-62.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch ISOGARD GL	3.1.1	1 per 1.0 ft ²	Min. 0.5-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	I.S.O. Stick, Twin Jet, I.S.O. Twin Pack, 4-inch o.c.	BB-LVOC, BB-LVOC-1168 or BB-UPBA	-105.0
SC-63.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch ISOGARD GL	3.1.1	1 per 1.0 ft ²	Min. 1.5-inch ISOGARD GL	I.S.O. Spray R, 6-inch o.c.	BB-LVOC, BB-LVOC-1168 or BB-UPBA	-105.0
SC-64.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch ISOGARD GL	3.1.1	1 per 1.0 ft ²	Min. 1.5-inch ISOGARD GL followed by min. 0.5-inch Elevate ISOGARD HD or min. 19/32-inch plywood	I.S.O. Spray R, 6-inch o.c.	BB-LVOC, BB-LVOC-1168 or BB-UPBA	-105.0
SC-65.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch ISOGARD GL	3.1.1	1 per 1.0 ft ²	Min. 1-inch ISOGARD GL	I.S.O. Stick, Twin Jet, Twin Jet Y, I.S.O. Spray R, I.S.O. Twin Pack, 4-inch o.c.	BB-LVOC, BB-LVOC-1168 or BB-UPBA	-112.5
SC-66.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch ISOGARD CG	3.1.1	1 per 1.0 ft ²	Min. 1.5-inch ISOGARD CG	I.S.O. Stick, Twin Jet, Twin Jet Y, I.S.O. Spray R, I.S.O. Twin Pack	BB-LVOC, BB-LVOC-1168 or BB-UPBA	-120.0
SC-67.	Min. 22 ga., Type B, Grade 80 steel or structural concrete	Min. 2-inch ISOGARD GL	3.1.1	1 per 1.0 ft ²	Min. 1-inch ISOGARD GL	I.S.O. Stick, Twin Jet, Twin Jet Y, I.S.O. Spray R, I.S.O. Twin Pack, 4-inch o.c.	BB-LVOC, BB-LVOC-1168 or BB-UPBA	-127.5
SC-68.	Min. 22 ga., Type B, Grade 80 steel or structural concrete	Min. 2-inch ISOGARD GL	3.1.1	1 per 1.0 ft ²	Min. 0.5-inch Elevate ISOGARD HD	Twin Jet Y	BB-LVOC, BB-LVOC-1168 or BB-UPBA	-127.5
SC-69.	Min. 22 ga., Type B, Grade 80 steel or structural concrete	Min. 2-inch ISOGARD GL	3.1.1	1 per 1.0 ft ²	Min. 0.5-inch Elevate ISOGARD HD	I.S.O. Stick, Twin Jet, I.S.O. Spray R, I.S.O. Twin Pack, 4-inch o.c.	BB-LVOC, BB-LVOC-1168 or BB-UPBA	-135.0
SC-70.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch ISOGARD GL	3.1.1	1 per 1.0 ft ²	Optional additional layer(s) min. 1.5-inch ISOGARD GL followed by min. 0.5-inch Elevate ISOGARD HD, DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board	Twin Jet Y, 4-inch o.c.	BB-LVOC, BB-LVOC-1168 or BB-UPBA	-105.0
ELEVATE ULTRAPLY TPO XR / JET BOND SPRAY ADHESIVE SYSTEMS:								
SC-71.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch ISOGARD GL	3.1.1	1 per 2.7 ft ²	Min. 1.5-inch ISOGARD GL	I.S.O. Stick, I.S.O. Spray R, I.S.O. Twin Pack, Twin Jet, Twin Jet Y	XR-JBSA	-30.0* (NO HVHZ)
SC-72.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch ISOGARD GL	3.1.1	1 per 4.0 ft ²	Min. 1.5-inch ISOGARD GL	I.S.O. Stick, I.S.O. Spray R, I.S.O. Twin Pack, Twin Jet, Twin Jet Y	XR-JBSA	-37.5* (NO HVHZ)

TABLE 10D: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION(S), BONDED ROOF COVER

System No.	Deck (4.1.2)	Base Insulation Layer			Top Insulation Layer		Roof Cover (3.1.4)	MDP (psf)
		Type	Fastener (4.2.3)	Attach (3.1.2f)	Type	Attach (3.1.3)		
SC-73.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2.25-inch ISOGARD GL	3.1.1	1 per 4.0 ft ²	Min. 1.5-inch ISOGARD GL	I.S.O. Stick, I.S.O. Spray R, I.S.O. Twin Pack, Twin Jet, Twin Jet Y	XR-JBSA	-45.0*
SC-74.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 0.5-inch DensDeck or SECUROCK Gypsum-Fiber Roof Board	3.1.1	1 per 2.0 ft ²	Min. 1.5-inch ISOGARD GL followed by optional min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or Elevate ISOGARD HD or min. 19/32-inch plywood	I.S.O. Spray R	XR-JBSA	-45.0*
SC-75.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch ISOGARD GL	3.1.1	1 per 2.0 ft ²	Min. 1-inch ISOGARD GL followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch Elevate ISOGARD HD	I.S.O. Stick, I.S.O. Spray R, I.S.O. Twin Pack, Twin Jet, Twin Jet Y	XR-JBSA	-45.0*
SC-76.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch ISOGARD GL	3.1.1	1 per 1.6 ft ²	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	I.S.O. Stick, I.S.O. Spray R, I.S.O. Twin Pack, Twin Jet, Twin Jet Y, 6-inch o.c.	XR-JBSA	-60.0
SC-77.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch ISOGARD GL	3.1.1	1 per 1.6 ft ²	Min. 1-inch ISOGARD GL or min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or Elevate ISOGARD HD	I.S.O. Stick, I.S.O. Spray R, I.S.O. Twin Pack, Twin Jet, Twin Jet Y, 6-inch o.c.	XR-JBSA	-67.5
SC-78.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 0.5-inch DensDeck or SECUROCK Gypsum-Fiber Roof Board	3.1.1	1 per 2.0 ft ²	Min. 1.5-inch ISOGARD GL followed by optional min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or Elevate ISOGARD HD	Twin Jet Y	XR-JBSA	-45.0*
ELEVATE ULTRAPLY TPO XR / I.S.O. SPRAY R OR ELEVATE XR STICK MEMBRANE ADHESIVE SYSTEMS:								
SC-79.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch ISOGARD GL	3.1.1	1 per 2.7 ft ²	Min. 1.5-inch ISOGARD GL	I.S.O. Stick, I.S.O. Spray R, I.S.O. Twin Pack, Twin Jet, Twin Jet Y	XR-ISOSR (RIBBON, 12) or XR-XRSMA (RIBBON, 12)	-30.0* (NO HVHZ)
SC-80.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch ISOGARD GL	3.1.1	1 per 4.0 ft ²	Min. 1.5-inch ISOGARD GL	I.S.O. Stick, I.S.O. Spray R, I.S.O. Twin Pack, Twin Jet, Twin Jet Y	XR-ISOSR (RIBBON, 12) or XR-XRSMA (RIBBON, 12)	-37.5* (NO HVHZ)
SC-81.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2.25-inch ISOGARD GL	3.1.1	1 per 4.0 ft ²	Min. 1.5-inch ISOGARD GL	I.S.O. Stick, I.S.O. Spray R, I.S.O. Twin Pack, Twin Jet, Twin Jet Y	XR-ISOSR (RIBBON, 12) or XR-XRSMA (RIBBON, 12)	-45.0*

TABLE 10D: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION(S), BONDED ROOF COVER

System No.	Deck (4.1.2)	Base Insulation Layer			Top Insulation Layer		Roof Cover (3.1.4)	MDP (psf)
		Type	Fastener (4.2.3)	Attach (3.1.2f)	Type	Attach (3.1.3)		
SC-82.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 0.5-inch DensDeck, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	3.1.1	1 per 2.0 ft ²	Min. 1.5-inch ISOGARD GL followed by optional min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 19/32-inch plywood or min. 7/16-inch DEXcell Cement Roof Board	I.S.O. Spray R	XR-ISOSR (RIBBON, 12) or XR-XRSMA (RIBBON, 12)	-45.0*
SC-83.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 0.5-inch DensDeck, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	3.1.1	1 per 2.0 ft ²	Min. 1.5-inch ISOGARD GL followed by min. 0.5-inch Elevate ISOGARD HD	I.S.O. Spray R	XR-ISOSR (RIBBON, 4) or XR-XRSMA (RIBBON, 4)	-45.0*
SC-84.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch ISOGARD GL	3.1.1	1 per 2.0 ft ²	Min. 1-inch ISOGARD GL followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	I.S.O. Stick, I.S.O. Spray R, I.S.O. Twin Pack, Twin Jet, Twin Jet Y	XR-ISOSR (RIBBON, 12) or XR-XRSMA (RIBBON, 12)	-45.0*
SC-85.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch ISOGARD GL	3.1.1	1 per 2.0 ft ²	Min. 1-inch ISOGARD GL followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	I.S.O. Stick, I.S.O. Spray R, I.S.O. Twin Pack, Twin Jet	XR-ISOSR (RIBBON, 12) or XR-XRSMA (RIBBON, 12)	-45.0*
SC-86.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch ISOGARD GL	3.1.1	1 per 2.0 ft ²	Optional min. 1-inch ISOGARD GL followed by min. 0.5-inch Elevate ISOGARD HD	I.S.O. Stick, I.S.O. Spray R, I.S.O. Twin Pack, Twin Jet, Twin Jet Y	XR-ISOSR (RIBBON, 12) or XR-XRSMA (RIBBON, 12)	-45.0*
SC-87.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch ISOGARD GL	3.1.1	1 per 1.6 ft ²	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	I.S.O. Stick, I.S.O. Spray R, I.S.O. Twin Pack, Twin Jet, Twin Jet Y, 6-inch o.c.	XR-ISOSR (RIBBON, 6) or XR-XRSMA (RIBBON, 6)	-60.0
SC-88.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch ISOGARD GL	3.1.1	1 per 1.6 ft ²	Min. 0.5-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	I.S.O. Stick, I.S.O. Spray R, I.S.O. Twin Pack, Twin Jet, 6-inch o.c.	XR-ISOSR (RIBBON, 6) or XR-XRSMA (RIBBON, 6)	-60.0
SC-89.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch ISOGARD GL	3.1.1	1 per 1.6 ft ²	Min. 1-inch ISOGARD GL	I.S.O. Stick, I.S.O. Spray R, I.S.O. Twin Pack, Twin Jet, Twin Jet Y, 6-inch o.c.	XR-ISOSR (RIBBON, 6) or XR-XRSMA (RIBBON, 6)	-82.5
SC-90.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch ISOGARD GL	3.1.1	1 per 1.6 ft ²	Min. 0.5-inch Elevate ISOGARD HD	I.S.O. Stick, I.S.O. Spray R, I.S.O. Twin Pack, Twin Jet, Twin Jet Y, 6-inch o.c.	XR-ISOSR (RIBBON, 6) or XR-XRSMA (RIBBON, 6)	-82.5
SC-91.	Min. 22 ga., Type B, Grade 33 steel	Min. 2-inch ISOGARD GL or ISOGARD CG	3.1.1	1 per 1.0 ft ²	Min. 0.5-inch DensDeck Prime	I.S.O. Spray R	XR-ISOSR (RIBBON, 6) or XR-XRSMA (RIBBON, 6)	-82.5

**NEMO EVALUATIONS REPORT**

Report No.: NER-AMZ-001.B.R4

Revision 4: 2026-06-09

Page 44 of 124

Amrize Building Envelope LLC (Elevate)

FL10264-R23



ISO/IEC 17065

PCA-145

**TABLE 10D: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION(S), BONDED ROOF COVER**

System No.	Deck (4.1.2)	Base Insulation Layer			Top Insulation Layer		Roof Cover (3.1.4)	MDP (psf)
		Type	Fastener (4.2.3)	Attach (3.1.2f)	Type	Attach (3.1.3)		
SC-92.	Min. 22 ga., Type B, Grade 33 steel	Min. 2-inch ISOGARD GL or ISOGARD CG	3.1.1	1 per 1.0 ft ²	Min. 7/16-inch DEXcell Cement Roof Board	I.S.O. Spray R	XR-XRSMA (RIBBON, 6)	-82.5
SC-93.	Min. 22 ga., Type B, Grade 80 steel or structural concrete	Min. 2-inch ISOGARD GL or ISOGARD CG	3.1.1	1 per 1.0 ft ²	Min. 0.5-inch DensDeck Prime	I.S.O. Spray R	XR-ISOSR (RIBBON, 12) or XR-XRSMA (RIBBON, 6)	-97.5
SC-94.	Min. 22 ga., Type B, Grade 80 steel or structural concrete	Min. 2-inch ISOGARD GL or ISOGARD CG	3.1.1	1 per 1.0 ft ²	Min. 7/16-inch DEXcell Cement Roof Board	I.S.O. Spray R	XR-XRSMA (RIBBON, 6)	-97.5
SC-95.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch ISOGARD GL	3.1.1	1 per 1.0 ft ²	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	I.S.O. Stick, I.S.O. Spray R, I.S.O. Twin Pack, Twin Jet, Twin Jet Y, 4-inch o.c.	XR-ISOSR (RIBBON, 4) or XR-XRSMA (RIBBON, 4)	-127.5
SC-96.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch ISOGARD GL	3.1.1	1 per 1.0 ft ²	Min. 0.5-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	I.S.O. Stick, I.S.O. Spray R, I.S.O. Twin Pack, Twin Jet, 4-inch o.c.	XR-ISOSR (RIBBON, 4) or XR-XRSMA (RIBBON, 4)	-127.5
SC-97.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 0.5-inch DensDeck, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	3.1.1	1 per 2.0 ft ²	Min. 1.5-inch ISOGARD GL followed by optional min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	Twin Jet Y	XR-ISOSR (RIBBON, 12) or XR-XRSMA (RIBBON, 12)	-45.0*
SC-98.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch ISOGARD GL	3.1.1	1 per 2.0 ft ²	Min. 1-inch ISOGARD GL followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	Twin Jet Y	XR-ISOSR (RIBBON, 12) or XR-XRSMA (RIBBON, 12)	-45.0*
SC-99.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch ISOGARD GL	3.1.1	1 per 1.6 ft ²	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	Twin Jet Y	XR-ISOSR (RIBBON, 6) or XR-XRSMA (RIBBON, 6)	-60.0
SC-100.	Min. 22 ga., Type B, Grade 33 steel	Min. 2-inch ISOGARD GL or ISOGARD CG	3.1.1	1 per 1.0 ft ²	Min. 7/16-inch DEXcell Cement Roof Board	Twin Jet Y	XR-XRSMA (RIBBON, 6)	-82.5
SC-101.	Min. 22 ga., Type B, Grade 33 steel	Min. 2-inch ISOGARD GL or ISOGARD CG	3.1.1	1 per 1.0 ft ²	Min. 7/16-inch DEXcell Cement Roof Board	Twin Jet Y, 4-inch o.c.	XR-XRSMA (RIBBON, 6)	-97.5

**NEMO EVALUATIONS REPORT**

Report No.: NER-AMZ-001.B.R4

Revision 4: 2026-06-09

Page 45 of 124

Amrize Building Envelope LLC (Elevate)

FL10264-R23



ISO/IEC 17065

PCA-145

**TABLE 10D: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION(S), BONDED ROOF COVER**

System No.	Deck (4.1.2)	Base Insulation Layer			Top Insulation Layer		Roof Cover (3.1.4)	MDP (psf)
		Type	Fastener (4.2.3)	Attach (3.1.2f)	Type	Attach (3.1.3)		
SC-102.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch ISOGARD GL	3.1.1	1 per 1.0 ft ²	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	Twin Jet Y, 4-inch o.c.	XR-ISOSR (RIBBON, 4) or XR-XRSMA (RIBBON, 4)	-112.5
ELEVATE ULTRAPLY TPO XR / TWIN JET SYSTEMS:								
SC-103.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch ISOGARD GL	3.1.1	1 per 2.7 ft ²	Min. 1.5-inch ISOGARD GL	I.S.O. Stick, I.S.O. Spray R, I.S.O. Twin Pack, Twin Jet, Twin Jet Y	XR-TJ or XR-TJY (RIBBON, 6 or SPATTER)	-30.0* (NO HVHZ)
SC-104.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch ISOGARD GL	3.1.1	1 per 4.0 ft ²	Min. 1.5-inch ISOGARD GL	I.S.O. Stick, I.S.O. Spray R, I.S.O. Twin Pack, Twin Jet, Twin Jet Y	XR-TJ or XR-TJY (RIBBON, 6 or SPATTER)	-37.5* (NO HVHZ)
SC-105.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2.25-inch ISOGARD GL	3.1.1	1 per 4.0 ft ²	Min. 1.5-inch ISOGARD GL	I.S.O. Stick, I.S.O. Spray R, I.S.O. Twin Pack, Twin Jet, Twin Jet Y	XR-TJ or XR-TJY (RIBBON, 6 or SPATTER)	-45.0*
SC-106.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 0.5-inch DensDeck or SECUROCK Gypsum-Fiber Roof Board	3.1.1	1 per 2.0 ft ²	Min. 1.5-inch ISOGARD GL followed by optional min. 0.5-inch DensDeck Prime or min. 19/32-inch plywood	I.S.O. Spray R	XR-TJ or XR-TJY (RIBBON, 6 or SPATTER)	-45.0*
SC-107.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 0.5-inch DensDeck or SECUROCK Gypsum-Fiber Roof Board	3.1.1	1 per 2.0 ft ²	Min. 1.5-inch ISOGARD GL followed by optional min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	I.S.O. Spray R	XR-TJ or XR-TJY (RIBBON, 12 or SPATTER)	-45.0*
SC-108.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 0.5-inch DensDeck or SECUROCK Gypsum-Fiber Roof Board	3.1.1	1 per 2.0 ft ²	Min. 1.5-inch ISOGARD GL followed by min. 0.5-inch Elevate ISOGARD HD	I.S.O. Spray R	XR-TJ or XR-TJY (RIBBON, 4 or SPATTER)	-45.0*
SC-109.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch ISOGARD GL	3.1.1	1 per 2.0 ft ²	Min. 1-inch ISOGARD GL followed by min. 0.25-inch DensDeck Prime	I.S.O. Stick, I.S.O. Spray R, I.S.O. Twin Pack, Twin Jet, Twin Jet Y	XR-TJ or XR-TJY (RIBBON, 6 or SPATTER)	-45.0*
SC-110.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch ISOGARD GL	3.1.1	1 per 2.0 ft ²	Min. 1-inch ISOGARD GL followed by min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	I.S.O. Stick, I.S.O. Spray R, I.S.O. Twin Pack, Twin Jet, Twin Jet Y	XR-TJ or XR-TJY (RIBBON, 12 or SPATTER)	-45.0*
SC-111.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch ISOGARD GL	3.1.1	1 per 2.0 ft ²	Optional min. 1-inch ISOGARD GL followed by min. 0.5-inch Elevate ISOGARD HD	I.S.O. Stick, I.S.O. Spray R, I.S.O. Twin Pack, Twin Jet, Twin Jet Y	XR-TJ or XR-TJY (RIBBON, 6 or SPATTER)	-45.0*
SC-112.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch ISOGARD GL	3.1.1	1 per 1.6 ft ²	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	I.S.O. Stick, I.S.O. Spray R, I.S.O. Twin Pack, Twin Jet, Twin Jet Y, 6-inch o.c.	XR-TJ or XR-TJY (RIBBON, 6 or SPATTER)	-60.0

**NEMO EVALUATIONS REPORT**

Report No.: NER-AMZ-001.B.R4

Revision 4: 2026-06-09

Page 46 of 124

Amrize Building Envelope LLC (Elevate)

FL10264-R23



ISO/IEC 17065 PCA-145

**TABLE 10D: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION(S), BONDED ROOF COVER**

System No.	Deck (4.1.2)	Base Insulation Layer			Top Insulation Layer		Roof Cover (3.1.4)	MDP (psf)
		Type	Fastener (4.2.3)	Attach (3.1.2f)	Type	Attach (3.1.3)		
SC-113.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch ISOGARD GL	3.1.1	1 per 1.6 ft ²	Min. 1-inch ISOGARD GL	I.S.O. Stick, I.S.O. Spray R, I.S.O. Twin Pack, Twin Jet, Twin Jet Y, 6-inch o.c.	XR-TJ or XR-TJY (RIBBON, 6 or SPATTER)	-82.5
SC-114.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch ISOGARD GL	3.1.1	1 per 1.6 ft ²	Min. 0.5-inch Elevate ISOGARD HD	I.S.O. Stick, I.S.O. Spray R, I.S.O. Twin Pack, Twin Jet, Twin Jet Y, 6-inch o.c.	XR-TJ or XR-TJY (RIBBON, 6 or SPATTER)	-82.5
SC-115.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch ISOGARD GL	3.1.1	1 per 1.0 ft ²	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	I.S.O. Stick, I.S.O. Spray R, I.S.O. Twin Pack, Twin Jet, Twin Jet Y, 4-inch o.c.	XR-TJ or XR-TJY (RIBBON, 4 or SPATTER)	-127.5
SC-116.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 0.5-inch DensDeck or SECUROCK Gypsum-Fiber Roof Board	3.1.1	1 per 2.0 ft ²	Min. 1.5-inch ISOGARD GL followed by optional min. 0.5-inch DensDeck Prime	Twin Jet Y	XR-TJ or XR-TJY (RIBBON, 6 or SPATTER)	-45.0*
ELEVATE ULTRAPLY TPO XR / ELEVATE XR BONDING ADHESIVE SYSTEMS:								
SC-117.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 0.5-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	3.1.1	1 per 2.0 ft ²	Min. 1.5-inch ISOGARD GL followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	I.S.O. Stick, I.S.O. Spray R, I.S.O. Twin Pack, Twin Jet, Twin Jet Y	XR-XRBA	-45.0*
ELEVATE ULTRAPLY TPO SA SYSTEMS:								
SC-118.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch ISOGARD GL or ISOGARD CG	3.1.1	1 per 4.0 ft ²	Min. 0.5-inch Elevate ISOGARD HD	I.S.O. Stick, I.S.O. Spray R, I.S.O. Twin Pack, Twin Jet, Twin Jet Y	SA	-37.5* (NO HVHZ)
SC-119.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch ISOGARD GL	3.1.1	1 per 2.0 ft ²	Optional min. 1.5-inch ISOGARD GL followed by min. 0.5-inch Tapered ISOGARD GL	I.S.O. Spray R	SA	-45.0*
SC-120.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch ISOGARD CG	3.1.1	1 per 2.7 ft ²	Optional min. 1.5-inch ISOGARD CG followed by min. 0.5-inch Tapered ISOGARD CG	I.S.O. Stick, I.S.O. Spray R, I.S.O. Twin Pack, Twin Jet, Twin Jet Y	SA	-45.0*
SC-121.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch ISOGARD CG	3.1.1	1 per 4.0 ft ²	Optional min. 1.5-inch ISOGARD CG followed by min. 0.5-inch Tapered ISOGARD CG	I.S.O. Stick, I.S.O. Spray R, I.S.O. Twin Pack, Twin Jet, Twin Jet Y	SA	-45.0*
SC-122.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch ISOGARD GL	3.1.1	1 per 4.0 ft ²	Min. 1.5-inch Elevate ISOGARD HD Composite	I.S.O. Stick, I.S.O. Spray R, I.S.O. Twin Pack, Twin Jet, Twin Jet Y	SA	-45.0*

**NEMO EVALUATIONS REPORT**

Report No.: NER-AMZ-001.B.R4

Revision 4: 2026-06-09

Page 47 of 124

Amrize Building Envelope LLC (Elevate)

FL10264-R23



ISO/IEC 17065

PCA-145

**TABLE 10D: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION(S), BONDED ROOF COVER**

System No.	Deck (4.1.2)	Base Insulation Layer			Top Insulation Layer		Roof Cover (3.1.4)	MDP (psf)
		Type	Fastener (4.2.3)	Attach (3.1.2f)	Type	Attach (3.1.3)		
SC-123.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch ISOGARD GL	3.1.1	1 per 2.7 ft ²	Min. 1.5-inch Elevate ISOGARD HD Composite	I.S.O. Stick, I.S.O. Spray R, I.S.O. Twin Pack, Twin Jet, Twin Jet Y	SA	-45.0*
SC-124.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch ISOGARD GL	3.1.1	1 per 2.0 ft ²	Min. 0.5-inch Elevate ISOGARD HD	I.S.O. Spray R, I.S.O. Twin Pack	SA	-45.0*
SC-125.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch ISOGARD GL	3.1.1	1 per 2.0 ft ²	Min. 0.5-inch Elevate ISOGARD HD	I.S.O. Stick, Twin Jet, Twin Jet Y	SA	-45.0*
SC-126.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch ISOGARD GL	3.1.1	1 per 1.0 ft ²	Min. 0.5-inch Elevate ISOGARD HD	I.S.O. Stick, I.S.O. Spray R, I.S.O. Twin Pack, Twin Jet, Twin Jet Y	SA	-45.0
SC-127.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch ISOGARD GL	3.1.1	1 per 2.0 ft ²	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	I.S.O. Spray R, I.S.O. Twin Pack, I.S.O. Stick, Twin Jet, Twin Jet Y	SA	-45.0*
SC-128.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch ISOGARD GL	3.1.1	1 per 2.0 ft ²	Optional min. 1.5-inch ISOGARD GL or min. 0.5-inch Tapered ISOGARD GL followed by min. 0.5-inch Elevate ISOGARD HD	I.S.O. Spray R	SA	-45.0*
SC-129.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	3.1.1	1 per 4.0 ft ²	Optional min. 1.5-inch ISOGARD CG followed by min. 0.5-inch Tapered ISOGARD CG	I.S.O. Stick, I.S.O. Spray R, I.S.O. Twin Pack, Twin Jet, Twin Jet Y	SA	-45.0*
SC-130.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 0.5-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	3.1.1	1 per 2.0 ft ²	Min. 1.5-inch ISOGARD GL followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	I.S.O. Stick, I.S.O. Spray R, I.S.O. Twin Pack, Twin Jet, Twin Jet Y	SA	-45.0*
SC-131.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch ISOGARD GL	3.1.1	1 per 1.6 ft ²	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	I.S.O. Stick, I.S.O. Spray R, I.S.O. Twin Pack, Twin Jet, Twin Jet Y, 6-inch o.c.	SA	-60.0
SC-132.	Min. 22 ga., Type B, 50 ksi steel or structural concrete	Min. 1.5-inch ISOGARD GL or ISOGARD CG	3.1.1	1 per 1.8 ft ²	Min. 1.5-inch Elevate ISOGARD HD Composite	I.S.O. Stick, Twin Jet, Twin Jet Y, 12-inch o.c.	SA	-60.0
SC-133.	Min. 22 ga., Type B, 50 ksi steel or structural concrete	Min. 2-inch ISOGARD GL	3.1.1	1 per 1.8 ft ²	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	I.S.O. Stick, Twin Jet, Twin Jet Y, 6-inch o.c.	SA	-67.5
SC-134.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch ISOGARD GL or ISOGARD CG	3.1.1	1 per 1.6 ft ²	Min. 1.5-inch ISOGARD GL or ISOGARD CG	I.S.O. Spray R, I.S.O. Twin Pack	SA	-75.0

TABLE 10D: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION(S), BONDED ROOF COVER

System No.	Deck (4.1.2)	Base Insulation Layer			Top Insulation Layer		Roof Cover (3.1.4)	MDP (psf)
		Type	Fastener (4.2.3)	Attach (3.1.2f)	Type	Attach (3.1.3)		
SC-135.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch ISOGARD GL	3.1.1	1 per 1.6 ft ²	Min. 0.5-inch Elevate ISOGARD HD	I.S.O. Stick, I.S.O. Spray R, I.S.O. Twin Pack, Twin Jet, Twin Jet Y, 6-inch o.c.	SA	-82.5
SC-136.	Min. 22 ga., Type B, Grade 50 steel or structural concrete	Min. 2-inch ISOGARD GL	3.1.1	1 per 1.0 ft ²	Min. 0.5-inch Elevate ISOGARD HD	I.S.O. Spray R, I.S.O. Stick, I.S.O. Twin Pack, Twin Jet, Twin Jet Y, 4-inch o.c.	SA	-82.5
SC-137.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch ISOGARD GL	3.1.1	1 per 1.0 ft ²	Min. 0.5-inch Elevate ISOGARD HD	I.S.O. Stick, I.S.O. Spray R, I.S.O. Twin Pack, Twin Jet, Twin Jet Y, 4-inch o.c.	SA	-90.0
SC-138.	Min. 22 ga., Type B, Grade 50 steel or structural concrete	Min. 2-inch ISOGARD GL	3.1.1	1 per 1.0 ft ²	Min. 0.5-inch DensDeck Prime	I.S.O. Spray R, I.S.O. Stick, I.S.O. Twin Pack, Twin Jet, Twin Jet Y, 4-inch o.c.	SA	-112.5

TABLE 10E: STEEL OR CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE B-2: MECHANICALLY ATTACHED BASE INSULATION, BONDED VAPOR BARRIER/AIR BARRIER, BONDED TOP INSULATION(S), BONDED ROOF COVER

System No.	Deck (4.1.2)	Base Insulation Layer			Vapor or Air Barrier	Insulation		Roof Cover (3.1.4)	MDP (psf)
		Type	Fastener (4.2.3)	Attach (3.1.2f)		Type	Attach (3.1.3)		
ELEVATE ULTRAPLY TPO SYSTEMS:									
SC-139.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 0.75-inch FM Approved perlite	3.1.1	1 per 2.0 ft²	Two plies Elevate Type IV or Type VI in hot asphalt	Min. 1.5-inch ISOGARD GL followed by Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	Hot asphalt or I.S.O. Stick	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-45.0*
SC-140.	Min. 22 ga., Type B, Grade 40 steel or structural concrete	Min. 0.625-inch SECUROCK Gypsum-Fiber Roof Board	3.1.1	1 per 2.0 ft²	V-Force FR, self-adhered	Min. 2-inch Elevate ISOGARD GL or Elevate ISOGARD CG followed by Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Twin Jet Y	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-37.5 (NO HVHZ)
SC-141.	Min. 22 ga., Type B, Grade 33	Min. 0.5-inch DensDeck Prime	3.1.1	1 per 2.7 ft²	V-Force WB Primer; V-Force, self-adhered	One or more layers min. 1.5-inch ISOGARD GL, optional min. 0.5-inch Tapered ISOGARD GL	I.S.O. Spray R, I.S.O. Twin Pack	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-37.5* (NO HVHZ)
SC-142.	Min. 22 ga., Type B, Grade 33	Min. 0.5-inch DensDeck Prime	3.1.1	1 per 2.7 ft²	V-Force WB Primer; V-Force, self-adhered	One or more layers min. 1.5-inch ISOGARD GL, optional min. 0.5-inch Tapered ISOGARD GL	I.S.O. Stick, Twin Jet, Twin Jet Y	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-45.0*

**NEMO EVALUATIONS REPORT**

Report No.: NER-AMZ-001.B.R4

Revision 4: 2026-06-09

Page 49 of 124

Amrize Building Envelope LLC (Elevate)

FL10264-R23



ISO/IEC 17065

PCA-145

TABLE 10E: STEEL OR CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE B-2: MECHANICALLY ATTACHED BASE INSULATION, BONDED VAPOR BARRIER/AIR BARRIER, BONDED TOP INSULATION(S), BONDED ROOF COVER

System No.	Deck (4.1.2)	Base Insulation Layer			Vapor or Air Barrier	Insulation		Roof Cover (3.1.4)	MDP (psf)
		Type	Fastener (4.2.3)	Attach (3.1.2e)		Type	Attach (3.1.3)		
SC-143.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 0.25-inch DensDeck or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	3.1.1	1 per 4.0 ft ²	V-Force SB Primer; V-Force, self-adhered	One or more layers min. 1.5-inch ISOGARD GL, optional min. 0.5-inch Tapered ISOGARD GL	I.S.O. Stick, Twin Jet, Twin Jet Y	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-45.0*
SC-144.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 0.25-inch DensDeck or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	3.1.1	1 per 4.0 ft ²	V-Force SB Primer; V-Force, self-adhered	One or more layers min. 1.5-inch ISOGARD GL, optional min. 0.5-inch Tapered ISOGARD GL; Min. 0.5-inch Elevate ISOGARD HD or Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board; or min. 19/32-inch plywood or min. 7/16-inch DEXcell Cement Roof Board	I.S.O. Stick, Twin Jet	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-45.0*
SC-145.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 0.25-inch DensDeck or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	3.1.1	1 per 4.0 ft ²	V-Force SB Primer; V-Force, self-adhered	One or more layers min. 1.5-inch ISOGARD GL, optional min. 0.5-inch Tapered ISOGARD GL; Min. 0.25-inch DensDeck, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	I.S.O. Stick, Twin Jet	BB-JBSA, BB-LVOC or BB-UPBA	-45.0*
SC-146.	Min. 22 ga., Type B, Grade 33	Min. 0.5-inch DensDeck Prime	3.1.1	1 per 2.7 ft ²	V-Force WB Primer; V-Force, self-adhered	One or more layers min. 1.5-inch ISOGARD GL, optional min. 0.5-inch Tapered ISOGARD GL	Twin Jet Y	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-37.5* (NO HVHZ)
SC-147.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 0.25-inch DensDeck or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	3.1.1	1 per 4.0 ft ²	V-Force SB Primer; V-Force, self-adhered	One or more layers min. 1.5-inch ISOGARD GL, optional min. 0.5-inch Tapered ISOGARD GL; Min. 0.5-inch Elevate ISOGARD HD or Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	Twin Jet Y	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-45.0*
SC-148.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 0.25-inch DensDeck or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	3.1.1	1 per 4.0 ft ²	V-Force SB Primer; V-Force, self-adhered	One or more layers min. 1.5-inch ISOGARD GL, optional min. 0.5-inch Tapered ISOGARD GL; Min. 0.25-inch DensDeck, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	Twin Jet Y	BB-JBSA, BB-LVOC or BB-UPBA	-45.0*

TABLE 10E: STEEL OR CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE B-2: MECHANICALLY ATTACHED BASE INSULATION, BONDED VAPOR BARRIER/AIR BARRIER, BONDED TOP INSULATION(S), BONDED ROOF COVER

System No.	Deck (4.1.2)	Base Insulation Layer			Vapor or Air Barrier	Insulation		Roof Cover (3.1.4)	MDP (psf)
		Type	Fastener (4.2.3)	Attach (3.1.2e)		Type	Attach (3.1.3)		
ELEVATE ULTRAPLY TPO XR / ELEVATE XR BONDING ADHESIVE SYSTEMS:									
SC-149.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 0.25-inch DensDeck or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	3.1.1	1 per 4.0 ft²	V-Force SB Primer; V-Force, self-adhered	One or more layers min. 1.5-inch ISOGARD GL, optional min. 0.5-inch Tapered ISOGARD GL; Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	I.S.O. Stick, Twin Jet, Twin Jet Y	XR-XRBA	-45.0*
ELEVATE ULTRAPLY TPO SA SYSTEMS:									
SC-150.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 0.75-inch FM Approved perlite	3.1.1	1 per 2.0 ft²	Two plies Elevate Type IV or Type VI in hot asphalt	Min. 1.5-inch ISOGARD GL followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Hot asphalt, I.S.O. Stick, Twin Jet, Twin Jet Y	SA	-45.0*
SC-151.	Min. 22 ga., Type B, Grade 40 steel or structural concrete	Min. 0.625-inch SECUROCK Gypsum-Fiber Roof Board	3.1.1	1 per 2.0 ft²	V-Force FR, self-adhered	Min. 2-inch Elevate ISOGARD GL or Elevate ISOGARD CG followed by Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Twin Jet Y	SA	-37.5 (NO HVHZ)
SC-152.	Min. 22 ga., Type B, Grade 33	Min. 0.5-inch DensDeck Prime	3.1.1	1 per 2.7 ft²	V-Force WB Primer; V-Force, self-adhered	One or more layers min. 1.5-inch ISOGARD GL, optional min. 0.5-inch Tapered ISOGARD GL	I.S.O. Spray R, I.S.O. Twin Pack	SA	-37.5* (NO HVHZ)
SC-153.	Min. 22 ga., Type B, Grade 33	Min. 0.5-inch DensDeck Prime	3.1.1	1 per 2.7 ft²	V-Force WB Primer; V-Force, self-adhered	One or more layers min. 1.5-inch ISOGARD GL, optional min. 0.5-inch Tapered ISOGARD GL	I.S.O. Stick, Twin Jet, Twin Jet Y	SA	-45.0*
SC-154.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 0.25-inch DensDeck or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	3.1.1	1 per 4.0 ft²	V-Force SB Primer; V-Force, self-adhered	One or more layers min. 1.5-inch ISOGARD GL, optional min. 0.5-inch Tapered ISOGARD GL; optional min. 0.5-inch Elevate ISOGARD HD or Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board; or min. 19/32-inch plywood	I.S.O. Stick, Twin Jet, Twin Jet Y	SA	-45.0*
SC-155.	Min. 22 ga., Type B, Grade 33	Min. 0.5-inch DensDeck Prime	3.1.1	1 per 2.7 ft²	V-Force WB Primer; V-Force, self-adhered	One or more layers min. 1.5-inch ISOGARD GL, optional min. 0.5-inch Tapered ISOGARD GL	Twin Jet Y	SA	-37.5* (NO HVHZ)

**NEMO EVALUATIONS REPORT**

Report No.: NER-AMZ-001.B.R4

Revision 4: 2026-06-09

Page 51 of 124

Amrize Building Envelope LLC (Elevate)

FL10264-R23



ISO/IEC 17065

PCA-145

TABLE 10F: STEEL DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR/AIR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER

SUB-ASSEMBLY NO.	DECK (4.1.2)	THERMAL BARRIER			VAPOR OR AIR BARRIER	BASE INSULATION LAYER		TOP INSULATION LAYER(S)		ROOF COVER (3.1.4)	MDP (PSF)
		TYPE	FASTENER (4.2.2)	ATTACH (3.1.2e)		PRODUCT	ADHESIVE (3.1.3)	PRODUCT	ADHESIVE (3.1.3)		
ELEVATE ULTRAPLY TPO SYSTEMS:											
SC-156.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.625-inch SECUROCK Gypsum-Fiber Roof Board	3.1.1	1 per 2.0 ft²	V-Force FR, self-adhering	One or more layer(s), Min. 2-inch Elevate ISOGARD GL, Elevate ISOGARD CG	I.S.O. Twin, I.S.O. Spray R, 6-inch o.c.	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	I.S.O. Twin, I.S.O. Spray R, 6-inch o.c.	BB-JBSA, BB-LVOC-1168, BB-UPBA	-37.5 (NO HVHZ)
SC-157.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.625-inch SECUROCK Gypsum-Fiber Roof Board	3.1.1	1 per 2.0 ft²	V-Force FR, self-adhering	One or more layer(s), Min. 2-inch Elevate ISOGARD GL, Elevate ISOGARD CG	I.S.O. Twin, I.S.O. Spray R, 6-inch o.c.	Min. 0.5-inch Elevate ISOGARD HD	I.S.O. Twin, I.S.O. Spray R, 6-inch o.c.	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-37.5 (NO HVHZ)
SC-158.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.625-inch SECUROCK Gypsum-Fiber Roof Board	3.1.1	1 per 2.0 ft²	V-Force FR, self-adhered	One or more layer(s), Min. 2-inch Elevate ISOGARD GL or Elevate ISOGARD CG	Twin Jet Y	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Twin Jet Y	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-37.5 (NO HVHZ)
SC-159.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.625-inch SECUROCK Gypsum-Fiber Roof Board	3.1.1	1 per 2.0 ft²	V-Force FR, self-adhering	One or more layer(s), Min. 2-inch Elevate ISOGARD GL, Elevate ISOGARD CG	I.S.O. Twin, I.S.O. Spray R, 6-inch o.c.	Min. 7/16-inch DEXcell Cement Roof Board	I.S.O. Twin, I.S.O. Spray R, 6-inch o.c.	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-37.5 (NO HVHZ)
SC-160.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.625-inch SECUROCK Gypsum-Fiber Roof Board	3.1.1	1 per 2.0 ft²	V-Force FR, self-adhering	One or more layer(s), Min. 2-inch Elevate ISOGARD GL, Elevate ISOGARD CG	Twin Jet Y (SPATTER)	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Twin Jet Y (SPATTER)	BB-JBSA, BB-LVOC-1168, BB-UPBA	-37.5 (NO HVHZ)
SC-161.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.625-inch SECUROCK Gypsum-Fiber Roof Board	3.1.1	1 per 1.0 ft²	V-Force FR, self-adhering	One or more layer(s), Min. 2-inch Elevate ISOGARD GL, Elevate ISOGARD CG	I.S.O. Twin, I.S.O. Spray R, 6-inch o.c.	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	I.S.O. Twin, I.S.O. Spray R, 6-inch o.c.	BB-JBSA, BB-LVOC-1168, BB-UPBA	-135.0
SC-162.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.625-inch SECUROCK Gypsum-Fiber Roof Board	3.1.1	1 per 1.0 ft²	V-Force FR, self-adhering	One or more layer(s), Min. 2-inch Elevate ISOGARD GL, Elevate ISOGARD CG	I.S.O. Twin, I.S.O. Spray R, 6-inch o.c.	Min. 0.5-inch Elevate ISOGARD HD	I.S.O. Twin, I.S.O. Spray R, 6-inch o.c.	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-135.0
SC-163.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.625-inch SECUROCK Gypsum-Fiber Roof Board	3.1.1	1 per 1.0 ft²	V-Force P or V-Force FR, self-adhering	One or more layer(s), Min. 2-inch H-Shield CG followed by min. 2-inch ENRGY 3	FAST Dual Tank Adhesive	Min. 0.625-inch SECUROCK Gypsum-Fiber Roof Board	FAST Dual Tank Adhesive	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-135.0
SC-164.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.625-inch SECUROCK Gypsum-Fiber Roof Board	3.1.1	1 per 1.0 ft²	V-Force FR, self-adhering	One or more layer(s), Min. 2-inch Elevate ISOGARD GL, Elevate ISOGARD CG	I.S.O. Twin or I.S.O. Spray R, 6-inch o.c.	Min. 7/16-inch DEXcell Cement Roof Board	I.S.O. Twin or I.S.O. Spray R, 6-inch o.c.	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-135.0

**NEMO EVALUATIONS REPORT**

Report No.: NER-AMZ-001.B.R4

Revision 4: 2026-06-09

Page 52 of 124

Amrize Building Envelope LLC (Elevate)

FL10264-R23



ISO/IEC 17065 PCA-145

TABLE 10F: STEEL DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR/AIR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER

SUB-ASSEMBLY NO.	DECK (4.1.2)	THERMAL BARRIER			VAPOR OR AIR BARRIER	BASE INSULATION LAYER		TOP INSULATION LAYER(S)		ROOF COVER (3.1.4)	MDP (PSF)
		TYPE	FASTENER (4.2.2)	ATTACH (3.1.2E)		PRODUCT	ADHESIVE (3.1.3)	PRODUCT	ADHESIVE (3.1.3)		
ELEVATE ULTRAPLY TPO XR SYSTEMS:											
SC-165.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.625-inch SECUROCK Gypsum-Fiber Roof Board	3.1.1	1 per 2.0 ft²	V-Force FR, self-adhering	One or more layer(s), Min. 2-inch Elevate ISOGARD GL, Elevate ISOGARD CG	I.S.O. Twin or I.S.O. Spray R, 6-inch o.c.	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	I.S.O. Twin or I.S.O. Spray R, 6-inch o.c.	XR-HA	-37.5 (NO HVHZ)
SC-166.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.625-inch SECUROCK Gypsum-Fiber Roof Board	3.1.1	1 per 2.0 ft²	V-Force FR, self-adhering	One or more layer(s), Min. 2-inch Elevate ISOGARD GL, Elevate ISOGARD CG	I.S.O. Twin or I.S.O. Spray R, 6-inch o.c.	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or Elevate ISOGARD HD, min. 7/16-inch DEXcell Cement Roof Board	I.S.O. Twin or I.S.O. Spray R, 6-inch o.c.	XR-JBSA, XR-ISOR (RIBBON, 4), XR-XRSMA (RIBBON, 4), XR-TJ or XR-TJY	-37.5 (NO HVHZ)
SC-167.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.625-inch SECUROCK Gypsum-Fiber Roof Board	3.1.1	1 per 2.0 ft²	V-Force FR, self-adhering	One or more layer(s), Min. 2-inch Elevate ISOGARD GL, Elevate ISOGARD CG	I.S.O. Twin or I.S.O. Spray R, 6-inch o.c.	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or Elevate ISOGARD HD	I.S.O. Twin or I.S.O. Spray R, 6-inch o.c.	XR-BA	-37.5 (NO HVHZ)
SC-168.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.625-inch SECUROCK Gypsum-Fiber Roof Board	3.1.1	1 per 2.0 ft²	V-Force FR, self-adhering	One or more layer(s), Min. 2-inch Elevate ISOGARD GL, Elevate ISOGARD CG	Twin Jet Y (SPATTER)	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Twin Jet Y (SPATTER)	XR HA, XR-JBSA, XR-ISOR (RIBBON, 4), XR-XRSMA (RIBBON, 4), XR-TJ, XR-TJY, XR-BA	-37.5 (NO HVHZ)
SC-169.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.625-inch SECUROCK Gypsum-Fiber Roof Board	3.1.1	1 per 2.0 ft²	V-Force FR, self-adhered	One or more layer(s), Min. 2.0-inch Elevate ISOGARD GL or Elevate ISOGARD CG	Twin Jet Y	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Twin Jet Y	XR HA, XR-JBSA, XR-ISOR (RIBBON, 4), XR-XRSMA (RIBBON, 4), XR-TJ, XR-TJY, XR-BA	-37.5 (NO HVHZ)
SC-170.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.625-inch SECUROCK Gypsum-Fiber Roof Board	3.1.1	1 per 1.0 ft²	V-Force FR, self-adhering	One or more layer(s), Min. 2-inch Elevate ISOGARD GL, Elevate ISOGARD CG	I.S.O. Twin or I.S.O. Spray R, 6-inch o.c.	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	I.S.O. Twin or I.S.O. Spray R, 6-inch o.c.	XR-HA	-135.0
SC-171.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.625-inch SECUROCK Gypsum-Fiber Roof Board	3.1.1	1 per 1.0 ft²	V-Force FR, self-adhering	One or more layer(s), Min. 2-inch Elevate ISOGARD GL, Elevate ISOGARD CG	I.S.O. Twin or I.S.O. Spray R, 6-inch o.c.	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or Elevate ISOGARD HD, min. 7/16-inch DEXcell Cement Roof Board	I.S.O. Twin or I.S.O. Spray R, 6-inch o.c.	XR-JBSA, XR-ISOR (RIBBON, 4), XR-XRSMA (RIBBON, 4), XR-TJ, or XR-TJY	-135.0
SC-172.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.625-inch SECUROCK Gypsum-Fiber Roof Board	3.1.1	1 per 1.0 ft²	V-Force P or V-Force FR, self-adhering	One or more layer(s), Min. 2-inch H-Shield CG followed by min. 2-inch ENRGY 3	FAST Dual Tank Adhesive	Min. 0.625-inch SECUROCK Gypsum-Fiber Roof Board	FAST Dual Tank Adhesive	XR-JBSA, XR-ISOR (RIBBON, 4), XR-XRSMA (RIBBON, 4), XR-TJ, or XR-TJY	-135.0
SC-173.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.625-inch SECUROCK Gypsum-Fiber Roof Board	3.1.1	1 per 1.0 ft²	V-Force FR, self-adhering	One or more layer(s), Min. 2-inch Elevate ISOGARD GL, Elevate ISOGARD CG	I.S.O. Twin or I.S.O. Spray R, 6-inch o.c.	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or Elevate ISOGARD HD	I.S.O. Twin or I.S.O. Spray R, 6-inch o.c.	XR-BA	-135.0

**NEMO EVALUATIONS REPORT**

Report No.: NER-AMZ-001.B.R4

Revision 4: 2026-06-09

Page 53 of 124

Amrize Building Envelope LLC (Elevate)

FL10264-R23



ISO/IEC 17065

PCA-145

TABLE 10F: STEEL DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF) OR RECOVER**SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR/AIR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER**

SUB-ASSEMBLY NO.	DECK (4.1.2)	THERMAL BARRIER			VAPOR OR AIR BARRIER	BASE INSULATION LAYER		TOP INSULATION LAYER(S)		ROOF COVER (3.1.4)	MDP (PSF)
		TYPE	FASTENER (4.2.2)	ATTACH (3.1.2e)		PRODUCT	ADHESIVE (3.1.3)	PRODUCT	ADHESIVE (3.1.3)		
ELEVATE ULTRAPLY TPO SA SYSTEMS:											
SC-174.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.625-inch SECUROCK Gypsum-Fiber Roof Board	3.1.1	1 per 2.0 ft²	V-Force FR, self-adhering	One or more layer(s), Min. 2-inch Elevate ISOGARD GL, Elevate ISOGARD CG	I.S.O. Twin or I.S.O. Spray R, 6-inch o.c.	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or Elevate ISOGARD HD	I.S.O. Twin or I.S.O. Spray R, 6-inch o.c.	SA	-37.5 (NO HVHZ)
SC-175.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.625-inch SECUROCK Gypsum-Fiber Roof Board	3.1.1	1 per 2.0 ft²	V-Force FR, self-adhering	One or more layer(s), Min. 2-inch Elevate ISOGARD GL, Elevate ISOGARD CG	Twin Jet Y (SPATTER)	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Twin Jet Y (SPATTER)	SA	-37.5 (NO HVHZ)
SC-176.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.625-inch SECUROCK Gypsum-Fiber Roof Board	3.1.1	1 per 2.0 ft²	V-Force FR, self-adhering	One or more layer(s), Min. 2.0-inch Elevate ISOGARD GL or Elevate ISOGARD CG	Twin Jet Y	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Twin Jet Y	SA	-37.5 (NO HVHZ)
SC-177.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.625-inch SECUROCK Gypsum-Fiber Roof Board	3.1.1	1 per 1.0 ft²	V-Force FR, self-adhering	One or more layer(s), Min. 2-inch Elevate ISOGARD GL, Elevate ISOGARD CG	I.S.O. Twin or I.S.O. Spray R, 6-inch o.c.	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or Elevate ISOGARD HD	I.S.O. Twin or I.S.O. Spray R, 6-inch o.c.	SA	-135.0
SC-178.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.625-inch SECUROCK Gypsum-Fiber Roof Board	3.1.1	1 per 1.0 ft²	V-Force P or V-Force FR, self-adhering	One or more layer(s), Min. 2-inch H-Shield CG followed by min. 2-inch ENRGY 3	FAST Dual Tank Adhesive	Min. 0.625-inch SECUROCK Gypsum-Fiber Roof Board	FAST Dual Tank Adhesive	SA	-135.0

TABLE 10G: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF) OR RECOVER**SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

System No.	Deck (4.1.2)	Base Insulation Layer (4.2.2)	Top Insulation Layer			Roof Cover (3.1.4)	MDP (psf)
			Type	Fastener (4.2.2)	Attach (3.1.2E)		
ELEVATE ULTRAPLY TPO SYSTEMS:							
SC-179.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 1-inch ISOGARD CG	3.1.1	1 per 3.2 ft²	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-30.0* (NO HVHZ)

TABLE 10G: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER

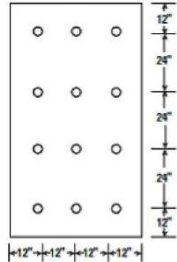
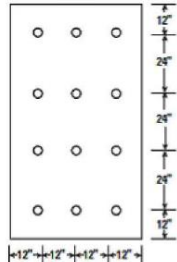
System No.	Deck (4.1.2)	Base Insulation Layer (4.2.2)	Top Insulation Layer			Roof Cover (3.1.4)	MDP (psf)
			Type	Fastener (4.2.2)	Attach (3.1.2e)		
SC-180.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 1-inch ISOGARD GL	3.1.1	1 per 2.7 ft ² 	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-37.5* (NO HVHZ)
SC-181.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 2-inch ISOGARD CG	3.1.1	1 per 5.3 ft ²	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-37.5* (NO HVHZ)
SC-182.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 2-inch ISOGARD GL	3.1.1	1 per 4.0 ft ²	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-45.0*
SC-183.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 1.25-inch ISOGARD GL	3.1.1	1 per 2.7 ft ² 	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-45.0*
SC-184.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch ISOGARD GL	3.1.1	1 per 2.0 ft ²	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-45.0*

TABLE 10G: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER

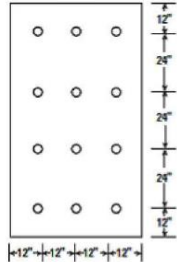
System No.	Deck (4.1.2)	Base Insulation Layer (4.2.2)	Top Insulation Layer			Roof Cover (3.1.4)	MDP (psf)
			Type	Fastener (4.2.2)	Attach (3.1.2e)		
SC-185.	Min. 22 ga., Type B, 50 ksi steel or structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 2-inch ISOGARD GL	3.1.1	1 per 2.7 ft ² 	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-45.0
SC-186.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch ISOGARD CG	3.1.1	1 per 2.7 ft ²	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-45.0*
SC-187.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 1-inch ISOGARD CG	3.1.1	1 per 2.0 ft ²	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-45.0*
SC-188.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch Elevate ISOGARD HD Composite	3.1.1	1 per 4.0 ft ²	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-45.0*
SC-189.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination, loose laid	Min. 0.5-inch Elevate ISOGARD HD	3.1.1	1 per 2.7 ft ²	BB-JBSA, BB-LVOC-1168 or BB-UPBA	-45.0*
SC-190.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	(Optional for Recover) Min. 0.5-inch thick, one or more layers, any combination, loose laid	Min. 0.25-inch DensDeck Prime	3.1.1	1 per 2.7 ft ²	BB-JBSA, BB-LVOC or BB-UPBA	-45.0*
SC-191.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	(Optional for Recover) Min. 0.5-inch thick, one or more layers, any combination, loose laid	Min. 7/16-inch DEXcell Cement Roof Board	3.1.1	1 per 2.7 ft ²	BB-LVOC, BB-LVOC-1168 or BB-UPBA	-45.0*
SC-192.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination, loose laid	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	3.1.1	1 per 2.0 ft ²	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-45.0*
SC-193.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	(Optional for Recover) Min. 0.5-inch thick, one or more layers, any combination, loose laid	Min. 0.5-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	3.1.1	1 per 4.0 ft ²	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-45.0*
SC-194.	Min. 22 ga., Type B, 50 ksi steel or structural concrete	One or more layers, any combination, loose laid	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	3.1.1	1 per 1.8 ft ²	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-45.0

TABLE 10G: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER

System No.	Deck (4.1.2)	Base Insulation Layer (4.2.2)	Top Insulation Layer			Roof Cover (3.1.4)	MDP (psf)
			Type	Fastener (4.2.2)	Attach (3.1.2e)		
SC-195.	Min. 22 ga., Type B, 50 ksi steel or structural concrete	One or more layers, any combination, loose laid	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	3.1.1	1 per 1.8 ft ²	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-45.0
SC-196.	Min. 22 ga., Type B, Grade 33 steel	Min. 1.5-inch thick, one or more layers, any combination, loose laid	Min. 19/32-inch plywood	Elevate HD HailGard Fastener	1 per 2.7 ft ²	BB-JBSA, BB-LVOC-1168 or BB-UPBA	-45.0
SC-197.	Min. 22 ga., Type B, 50 ksi steel or structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 1-inch ISOGARD CG	3.1.1	1 per 1.6 ft ²	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-52.5
SC-198.	Min. 22 ga., Type B, Grade 33 steel	Min. 1.5-inch thick, one or more layers, any combination, loose laid	Min. 19/32-inch plywood	Elevate HD HailGard Fastener	1 per 1.6 ft ²	BB-JBSA, BB-LVOC-1168 or BB-UPBA	-52.5
SC-199.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch ISOGARD GL	3.1.1	1 per 1.8 ft ²	BB-JBSA, BB-LVOC-1168 or BB-UPBA	-60.0
SC-200.	Min. 22 ga., Type B, 56 ksi steel or structural concrete	One or more layers, any combination, loose laid	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	3.1.1	1 per 2.13 ft ²	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-60.0
SC-201.	Min. 22 ga., Type B, 50 ksi steel or structural concrete	One or more layers, any combination, loose laid	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	3.1.1	1 per 1.8 ft ²	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-60.0
SC-202.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch thick, one or more layers, any combination, loose laid	Min. 0.5-inch Elevate ISOGARD HD	3.1.1	1 per 1.3 ft ²	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-60.0
SC-203.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch Elevate ISOGARD HD Composite	3.1.1	1 per 1.3 ft ²	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-60.0
SC-204.	Min. 22 ga., Type B, 56 ksi steel or structural concrete	One or more layers, any combination, loose laid	Min. 0.5-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	3.1.1	1 per 1.6 ft ²	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-67.5
SC-205.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch thick, one or more layers, any combination, loose laid	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	3.1.1	1 per 1.3 ft ²	BB-JBSA, BB-LVOC-1168 or BB-UPBA	-75.0
SC-206.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch thick, one or more layers, any combination, loose laid	Min. 19/32-inch plywood	3.1.1 (Heavy Duty only for steel)	1 per 2.0 ft ²	BB-JBSA, BB-LVOC-1168 or BB-UPBA	-75.0
SC-207.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch Elevate ISOGARD HG	3.1.1 (Heavy Duty only for steel)	1 per 2.0 ft ²	BB-JBSA, BB-LVOC-1168 or BB-UPBA	-75.0

**NEMO EVALUATIONS REPORT**

Report No.: NER-AMZ-001.B.R4

Revision 4: 2026-06-09

Page 57 of 124

Amrize Building Envelope LLC (Elevate)

FL10264-R23



ISO/IEC 17065

PCA-145

**TABLE 10G: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

System No.	Deck (4.1.2)	Base Insulation Layer (4.2.2)	Top Insulation Layer			Roof Cover (3.1.4)	MDP (psf)
			Type	Fastener (4.2.2)	Attach (3.1.2e)		
SC-208.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 2-inch ISOGARD GL	3.1.1	1 per 1.6 ft ²	BB-JBSA, BB-LVOC-1168 or BB-UPBA	-75.0
SC-209.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch ISOGARD CG	3.1.1	1 per 1.6 ft ²	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-75.0
SC-210.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 2-inch ISOGARD CG	3.1.1	1 per 1.6 ft ²	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-82.5
SC-211.	Min. 22 ga., Type B, 60 ksi steel or structural concrete	One or more layers, any combination, loose laid	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	3.1.1	1 per 1.8 ft ²	BB-JBSA or BB-UPBA	-82.5
SC-212.	Min. 22 ga., Type B, Grade 80 steel or structural concrete	One or more layers, any combination, loose laid	Min. 19/32-inch plywood	3.1.1	1 per 1.0 ft ²	BB-JBSA	-82.5
SC-213.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch ISOGARD GL	3.1.1	1 per 1.3 ft ²	BB-UPBA or BB-LVOC-1168	-90.0
SC-214.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 2-inch ISOGARD CG	3.1.1	1 per 1.3 ft ²	BB-LVOC, BB-LVOC-1168 or BB-UPBA	-105.0
SC-215.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch thick, one or more layers, any combination, loose laid	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	3.1.1	1 per 1.0 ft ²	BB-UPBA or BB-LVOC-1168	-105.0
SC-216.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 2-inch ISOGARD GL	3.1.1	1 per 1.0 ft ²	BB-UPBA	-112.5
SC-217.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 2-inch ISOGARD CG	3.1.1	1 per 1.0 ft ²	BB-LVOC, BB-LVOC-1168 or BB-UPBA	-112.5
SC-218.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch Elevate ISOGARD HD Composite	3.1.1	1 per 1.3 ft ²	BB-LVOC, BB-LVOC-1168 or BB-UPBA	-112.5
SC-219.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch thick, one or more layers, any combination, loose laid	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	3.1.1	1 per 1.0 ft ²	BB-LVOC, BB-LVOC-1168 or BB-UPBA	-112.5
SC-220.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 2-inch Elevate ISOGARD HD Composite	3.1.1	1 per 1.3 ft ²	BB-LVOC, BB-LVOC-1168 or BB-UPBA	-120.0

**NEMO EVALUATIONS REPORT**

Report No.: NER-AMZ-001.B.R4

Revision 4: 2026-06-09

Page 58 of 124

Amrize Building Envelope LLC (Elevate)

FL10264-R23



ISO/IEC 17065

PCA-145

**TABLE 10G: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

System No.	Deck (4.1.2)	Base Insulation Layer (4.2.2)	Top Insulation Layer			Roof Cover (3.1.4)	MDP (psf)
			Type	Fastener (4.2.2)	Attach (3.1.2e)		
SC-221.	Min. 22 ga., Type B, Grade 80 steel or structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 2-inch Elevate ISOGARD GL	3.1.1	1 per 1.0 ft ²	BB-UPBA	-135.0
SC-222.	Min. 22 ga., Type B, Grade 80 steel or structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 2-inch Elevate ISOGARD CG	3.1.1	1 per 1.0 ft ²	BB-LVOC, BB-LVOC-1168 or BB-UPBA	-135.0
SC-223.	Min. 22 ga., Type B, Grade 80 steel or structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 2-inch ISO 95+ GL (<i>no Elevate ISOGARD GL</i>)	3.1.1	1 per 1.0 ft ²	BB-UPBA	-150.0
SC-224.	Min. 22 ga., Type B, Grade 80 steel or structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 2-inch RESISTA (<i>no Elevate ISOGARD CG</i>)	3.1.1	1 per 1.0 ft ²	BB-LVOC, BB-LVOC-1168 or BB-UPBA	-150.0
SC-225.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch thick, one or more layers, any combination, loose laid	Min. 19/32-inch plywood	3.1.1 (Heavy Duty only for steel)	1 per 1.0 ft ²	BB-UPBA or BB-LVOC-1168	-150.0
SC-226.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch Elevate ISOGARD HG	3.1.1 (Heavy Duty only for steel)	1 per 1.0 ft ²	BB-UPBA or BB-LVOC-1168	-150.0
ELEVATE ULTRAPLY TPO XR / JET BOND SPRAY ADHESIVE SYSTEMS:							
SC-227.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 1-inch ISOGARD GL	3.1.1	1 per 2.7 ft ²	XR-JBSA	-37.5* (NO HVHZ)
SC-228.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch ISOGARD GL	3.1.1	1 per 2.0 ft ²	XR-JBSA	-45.0*
SC-229.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 2.25-inch ISOGARD GL	3.1.1	1 per 4.0 ft ²	XR-JBSA	-45.0*
SC-230.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination, loose laid	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board, min. 19/32-inch plywood or min. 0.5-inch Elevate ISOGARD HD or Structodek High Density Fiberboard Roof Insulation	3.1.1	1 per 2.0 ft ²	XR-JBSA	-45.0*
SC-231.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 2-inch ISOGARD GL	3.1.1	1 per 1.6 ft ²	XR-JBSA	-67.5
SC-232.	Min. 22 ga., Type B, Grade 80 steel or structural concrete	One or more layers, any combination, loose laid	Min. 19/32-inch plywood	3.1.1	1 per 1.0 ft ²	XR-JBSA	-82.5

**NEMO EVALUATIONS REPORT**

Report No.: NER-AMZ-001.B.R4

Revision 4: 2026-06-09

Page 59 of 124

Amrize Building Envelope LLC (Elevate)

FL10264-R23



ISO/IEC 17065

PCA-145

**TABLE 10G: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

System No.	Deck (4.1.2)	Base Insulation Layer (4.2.2)	Top Insulation Layer			Roof Cover (3.1.4)	MDP (psf)
			Type	Fastener (4.2.2)	Attach (3.1.2e)		
SC-233.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination, loose laid	Min. 2-inch Elevate ISOGARD CG	3.1.1	1 per 1.0 ft ²	Elevate UltraPly TPO XR 115 / Jet Bond Spray Adhesive at a rate of 750 ft ² /canister (double-sided application). Each pass applied with 50% overlap; 1.5-inch heat weld, 3-inch side lap	-120.0
ELEVATE ULTRAPLY TPO XR / I.S.O. SPRAY R OR ELEVATE XR STICK MEMBRANE ADHESIVE SYSTEMS:							
SC-234.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 1-inch ISOGARD GL	3.1.1	1 per 2.7 ft ²	XR-ISOSR (RIBBON, 12) or XR-XRSMA (RIBBON, 12)	-37.5* (NO HVHZ)
SC-235.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch ISOGARD GL	3.1.1	1 per 2.0 ft ²	XR-ISOSR (RIBBON, 12) or XR-XRSMA (RIBBON, 12)	-45.0*
SC-236.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 2.25-inch ISOGARD GL	3.1.1	1 per 4.0 ft ²	XR-ISOSR (RIBBON, 12) or XR-XRSMA (RIBBON, 12)	-45.0*
SC-237.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination, loose laid	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 19/32-inch plywood or min. 7/16-inch DEXcell Cement Roof Board	3.1.1	1 per 2.0 ft ²	XR-ISOSR (RIBBON, 12) or XR-XRSMA (RIBBON, 12)	-45.0*
SC-238.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination, loose laid (optional for recover)	Min. 0.5-inch Elevate ISOGARD HD	3.1.1	1 per 2.1 ft ²	XR-ISOSR (RIBBON, 12) or XR-XRSMA (RIBBON, 12)	-45.0*
SC-239.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination, loose laid	Min. 0.5-inch Elevate ISOGARD HD	3.1.1	1 per 2.0 ft ²	XR-ISOSR (RIBBON, 4) or XR-XRSMA (RIBBON, 4)	-45.0*
SC-240.	Min. 22 ga., Type B, Grade 80 steel or structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch ISOGARD GL or ISOGARD CG	3.1.1	1 per 1.0 ft ²	XR-ISOSR (RIBBON, 12) or XR-XRSMA (RIBBON, 12)	-82.5
SC-241.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 2-inch ISOGARD GL	3.1.1	1 per 1.6 ft ²	XR-ISOSR (RIBBON, 6) or XR-XRSMA (RIBBON, 6)	-82.5
SC-242.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 2-inch Elevate ISOGARD GL	3.1.1	1 per 1.0 ft ²	XR-ISOSR (RIBBON, 4) or XR-XRSMA (RIBBON, 4)	-135.0
SC-243.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 2-inch ISO 95+ GL (no Elevate ISOGARD GL)	3.1.1	1 per 1.0 ft ²	XR-ISOSR (RIBBON, 4) or XR-XRSMA (RIBBON, 4)	-142.5

**NEMO EVALUATIONS REPORT**

Report No.: NER-AMZ-001.B.R4

Revision 4: 2026-06-09

Page 60 of 124

Amrize Building Envelope LLC (Elevate)

FL10264-R23



ISO/IEC 17065

PCA-145

**TABLE 10G: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

System No.	Deck (4.1.2)	Base Insulation Layer (4.2.2)	Top Insulation Layer			Roof Cover (3.1.4)	MDP (psf)
			Type	Fastener (4.2.2)	Attach (3.1.2e)		
ELEVATE ULTRAPLY TPO XR / TWIN JET SYSTEMS:							
SC-244.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 1-inch ISOGARD GL	3.1.1	1 per 2.7 ft²	XR-TJ or XR-TJY (RIBBON, 6 or SPATTER)	-37.5* (NO HVHZ)
SC-245.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch ISOGARD GL	3.1.1	1 per 2.0 ft²	XR-TJ or XR-TJY (RIBBON, 6 or SPATTER)	-45.0*
SC-246.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 2.25-inch ISOGARD GL	3.1.1	1 per 4.0 ft²	XR-TJ or XR-TJY (RIBBON, 6 or SPATTER)	-45.0*
SC-247.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination, loose laid	Min. 0.25-inch DensDeck Prime or min. 19/32-inch plywood	3.1.1	1 per 2.0 ft²	XR-TJ or XR-TJY (RIBBON, 6 or SPATTER)	-45.0*
SC-248.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination, loose laid	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	3.1.1	1 per 2.0 ft²	XR-TJ or XR-TJY (RIBBON, 12 or SPATTER)	-45.0*
SC-249.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination, loose laid (optional for recover)	Min. 0.5-inch Elevate ISOGARD HD	3.1.1	1 per 2.1 ft²	XR-TJ or XR-TJY (RIBBON, 6 or SPATTER)	-45.0*
SC-250.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination, loose laid	Min. 0.5-inch Elevate ISOGARD HD	3.1.1	1 per 2.0 ft²	XR-TJ or XR-TJY (RIBBON, 4 or SPATTER)	-45.0*
SC-251.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 2-inch ISO 95+ GL <i>(no Elevate ISOGARD GL)</i>	3.1.1	1 per 1.0 ft²	XR-TJY (RIBBON, 4 or SPATTER)	-127.5
SC-252.	Min. 22 ga., Type B, Grade 80 steel	(Optional) One or more layers, any combination, loose laid	Min. 2-inch ISOGARD GL	3.1.1	1 per 1.0 ft²	XR-TJY (RIBBON, 4 or SPATTER)	-127.5
SC-253.	Min. 22 ga., Type B, Grade 80 steel or structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch ISOGARD GL	3.1.1	1 per 1.0 ft²	XR-TJ or XR-TJY (RIBBON, 6 or SPATTER)	-82.5
SC-254.	Min. 22 ga., Type B, Grade 80 steel or structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch ISOGARD CG	3.1.1	1 per 1.0 ft²	XR-TJ or XR-TJY (RIBBON, 12 or SPATTER)	-82.5
SC-255.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 2-inch ISOGARD GL	3.1.1	1 per 1.6 ft²	XR-TJ or XR-TJY (RIBBON, 6 or SPATTER)	-82.5
SC-256.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 2-inch ISO 95+ GL <i>(no Elevate ISOGARD GL)</i>	3.1.1	1 per 1.0 ft²	XR-TJ (RIBBON, 4 or SPATTER)	-142.5



TABLE 10G: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER

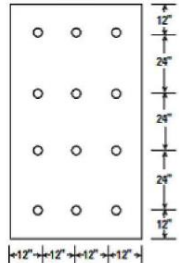
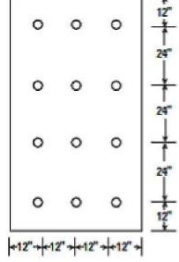
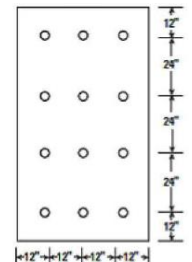
System No.	Deck (4.1.2)	Base Insulation Layer (4.2.2)	Top Insulation Layer			Roof Cover (3.1.4)	MDP (psf)
			Type	Fastener (4.2.2)	Attach (3.1.2e)		
SC-257.	Min. 22 ga., Type B, Grade 80 steel	(Optional) One or more layers, any combination, loose laid	Min. 2-inch ISOGARD GL	3.1.1	1 per 1.0 ft ²	XR-TJY (RIBBON, 4 or SPATTER)	-135.0
ELEVATE ULTRAPLY TPO XR / ELEVATE XR BONDING ADHESIVE SYSTEMS:							
SC-258.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination, loose laid	Min. 0.25-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	3.1.1	1 per 2.7 ft ²	XR-XRBA	-45.0*
ELEVATE ULTRAPLY TPO SA SYSTEMS:							
SC-259.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 1-inch ISOGARD CG	3.1.1	1 per 3.2 ft ²	SA	-30.0* (NO HVHZ)
SC-260.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 1-inch ISOGARD GL	3.1.1	1 per 2.7 ft ² 	SA	-37.5* (NO HVHZ)
SC-261.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 2-inch ISOGARD CG	3.1.1	1 per 5.3 ft ²	SA	-37.5* (NO HVHZ)
SC-262.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 2-inch ISOGARD GL	3.1.1	1 per 4.0 ft ²	SA	-45.0*
SC-263.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 1.25-inch ISOGARD GL	3.1.1	1 per 2.7 ft ² 	SA	-45.0*

TABLE 10G: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER

System No.	Deck (4.1.2)	Base Insulation Layer (4.2.2)	Top Insulation Layer			Roof Cover (3.1.4)	MDP (psf)
			Type	Fastener (4.2.2)	Attach (3.1.2e)		
SC-264.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch ISOGARD GL	3.1.1	1 per 2.0 ft ²	SA	-45.0*
SC-265.	Min. 22 ga., Type B, 50 ksi steel or structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 2-inch ISOGARD GL	3.1.1	1 per 2.7 ft ² 	SA	-45.0
SC-266.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch ISOGARD CG	3.1.1	1 per 2.7 ft ²	SA	-45.0*
SC-267.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 1-inch ISOGARD CG	3.1.1	1 per 2.0 ft ²	SA	-45.0*
SC-268.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch Elevate ISOGARD HD Composite	3.1.1	1 per 4.0 ft ²	SA	-45.0*
SC-269.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch Elevate ISOGARD HD Composite	3.1.1	1 per 1.3 ft ²	SA	-45.0
SC-270.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination, loose laid	Min. 0.5-inch Elevate ISOGARD HD	3.1.1	1 per 2.7 ft ²	SA	-45.0*
SC-271.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch thick, one or more layers, any combination, loose laid	Min. 0.5-inch Elevate ISOGARD HD	3.1.1	1 per 1.3 ft ²	SA	-45.0
SC-272.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	(Optional for Recover) Min. 0.5-inch thick, one or more layers, any combination, loose laid	Min. 0.25-inch DensDeck Prime	3.1.1	1 per 2.7 ft ²	SA	-45.0*
SC-273.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination, loose laid	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	3.1.1	1 per 2.0 ft ²	SA	-45.0*
SC-274.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	(Optional for Recover) Min. 0.5-inch thick, one or more layers, any combination, loose laid	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	3.1.1	1 per 4.0 ft ²	SA	-45.0*
SC-275.	Min. 22 ga., Type B, 50 ksi steel or structural concrete	One or more layers, any combination, loose laid	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	3.1.1	1 per 1.8 ft ²	SA	-45.0

**NEMO EVALUATIONS REPORT**

Report No.: NER-AMZ-001.B.R4

Revision 4: 2026-06-09

Page 63 of 124

Amrize Building Envelope LLC (Elevate)

FL10264-R23



ISO/IEC 17065

PCA-145

**TABLE 10G: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

System No.	Deck (4.1.2)	Base Insulation Layer (4.2.2)	Top Insulation Layer			Roof Cover (3.1.4)	MDP (psf)
			Type	Fastener (4.2.2)	Attach (3.1.2e)		
SC-276.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch thick, one or more layers, any combination, loose laid	Min. 19/32-inch plywood	Elevate HD HailGard Fastener (steel only)	1 per 2.7 ft ²	SA	-45.0
SC-277.	Min. 22 ga., Type B, 50 ksi steel or structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 1-inch ISOGARD CG	3.1.1	1 per 1.6 ft ²	SA	-52.5
SC-278.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch thick, one or more layers, any combination, loose laid	Min. 19/32-inch plywood	Elevate HD HailGard Fastener (steel only)	1 per 1.6 ft ²	SA	-52.5
SC-279.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch ISOGARD GL	3.1.1	1 per 1.8 ft ²	SA	-60.0
SC-280.	Min. 22 ga., Type B, 56 ksi steel or structural concrete	One or more layers, any combination, loose laid	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	3.1.1	1 per 2.13 ft ²	SA	-60.0
SC-281.	Min. 22 ga., Type B, 50 ksi steel or structural concrete	One or more layers, any combination, loose laid	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	3.1.1	1 per 1.8 ft ²	SA	-60.0
SC-282.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch thick, one or more layers, any combination, loose laid	Min. 0.5-inch Elevate ISOGARD HD	3.1.1	1 per 1.3 ft ²	SA	-60.0
SC-283.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch Elevate ISOGARD HD Composite	3.1.1	1 per 1.3 ft ²	SA	-60.0
SC-284.	Min. 22 ga., Type B, 56 ksi steel or structural concrete	One or more layers, any combination, loose laid	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	3.1.1	1 per 1.6 ft ²	SA	-67.5
SC-285.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch thick, one or more layers, any combination, loose laid	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	3.1.1	1 per 1.3 ft ²	SA	-75.0
SC-286.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch thick, one or more layers, any combination, loose laid	Min. 19/32-inch plywood	3.1.1 (Heavy Duty only for steel)	1 per 2.0 ft ²	SA	-75.0
SC-287.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch Elevate ISOGARD HG	3.1.1 (Heavy Duty only for steel)	1 per 2.0 ft ²	SA	-75.0
SC-288.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 2-inch ISOGARD GL	3.1.1	1 per 1.6 ft ²	SA	-75.0
SC-289.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch ISOGARD CG	3.1.1	1 per 1.6 ft ²	SA	-75.0
SC-290.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 2-inch ISOGARD CG	3.1.1	1 per 1.0 ft ²	SA	-75.0
SC-291.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 2-inch ISOGARD CG	3.1.1	1 per 1.6 ft ²	SA	-82.5

**NEMO EVALUATIONS REPORT**

Report No.: NER-AMZ-001.B.R4

Revision 4: 2026-06-09

Page 64 of 124

Amrize Building Envelope LLC (Elevate)

FL10264-R23



ISO/IEC 17065

PCA-145

**TABLE 10G: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

System No.	Deck (4.1.2)	Base Insulation Layer (4.2.2)	Top Insulation Layer			Roof Cover (3.1.4)	MDP (psf)
			Type	Fastener (4.2.2)	Attach (3.1.2e)		
SC-292.	Min. 22 ga., Type B, 60 ksi steel or structural concrete	One or more layers, any combination, loose laid	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	3.1.1	1 per 1.8 ft ²	SA	-82.5
SC-293.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch ISOGARD GL	3.1.1	1 per 1.3 ft ²	SA	-90.0
SC-294.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 2-inch ISOGARD GL	3.1.1	1 per 1.0 ft ²	SA	-90.0

**TABLE 10H: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE C-2: MECHANICALLY ATTACHED INSULATION, INDUCTION-WELDED ROOF COVER**

System No.	Deck (4.1.2)	Vapor & Air Barrier	Insulation (3.1.2)	Attach		Roof Cover (3.1.4c)	MDP (psf)
				Fastener (3.1.1, 4.2.2)	Density / Pattern		
SC-295.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	None	One or more layers, any combination, prelim. attached	Elevate Heavy Duty Fastener or Elevate Concrete Drive (concrete only) and Elevate UltraPly TPO InvisiWeld Plate	Max. 18-inch o.c. in rows max. 60-inch o.c.	Elevate UltraPly TPO or UltraPly TPO Platinum induction welded to Elevate UltraPly TPO InvisiWeld Plate with RhinoBond Tool in accordance with manufacturer's instructions.	-30.0 (NO HVHZ)
SC-296.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	None	One or more layers, any combination, prelim. attached	Elevate Heavy Duty Fastener or Elevate Concrete Drive (concrete only) and Elevate UltraPly TPO InvisiWeld Plate	Max. 12-inch o.c. in rows max. 60-inch o.c.	Elevate UltraPly TPO or UltraPly TPO Platinum induction welded to Elevate UltraPly TPO InvisiWeld Plate with RhinoBond Tool in accordance with manufacturer's instructions.	-45.0
SC-297.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	None	One or more layers, any combination, prelim. attached	Elevate Heavy Duty Fastener or Elevate Concrete Drive (concrete only) and Elevate UltraPly TPO InvisiWeld Plate	Max. 6-inch o.c. in rows max. 60-inch o.c.	Elevate UltraPly TPO or UltraPly TPO Platinum induction welded to Elevate UltraPly TPO InvisiWeld Plate with RhinoBond Tool in accordance with manufacturer's instructions.	-82.5
SC-298.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	None	One or more layers, any combination	Elevate Heavy Duty Fastener and Elevate UltraPly TPO InvisiWeld Plate	1 per 5.3 ft ² (6 parts per 4x8 ft board) Per FM LPDS 1-29	Elevate UltraPly TPO or UltraPly TPO Platinum induction welded to Elevate UltraPly TPO InvisiWeld Plate with RhinoBond Tool in accordance with manufacturer's instructions.	-45.0*
SC-299.	Min. 22 ga., Type B, 50 ksi steel	V-Force with min. 3-inch side laps self-adhered to top flanges of steel deck	Min. 2.5-inch ISOGARD GL, ISOGARD CG or Elevate ISOGARD HD Composite	Elevate Heavy Duty Fastener and Elevate UltraPly TPO InvisiWeld Plate	1 per 4.0 ft ² (8 parts per 4x8 ft board) in a 24 x 24-inch grid	Elevate UltraPly TPO or UltraPly TPO Platinum induction welded to Elevate UltraPly TPO InvisiWeld Plate with RhinoBond Tool in accordance with manufacturer's instructions.	-52.5

**NEMO EVALUATIONS REPORT**

Report No.: NER-AMZ-001.B.R4

Revision 4: 2026-06-09

Page 65 of 124

Amrize Building Envelope LLC (Elevate)

FL10264-R23



ISO/IEC 17065

PCA-145

**TABLE 10H: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE C-2: MECHANICALLY ATTACHED INSULATION, INDUCTION-WELDED ROOF COVER**

System No.	Deck (4.1.2)	Vapor & Air Barrier	Insulation (3.1.2)	Attach		Roof Cover (3.1.4c)	MDP (psf)
				Fastener (3.1.1, 4.2.2)	Density / Pattern		
SC-300.	Min. 22 ga., Type B, 50 ksi steel	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board followed by V-Force with min. 3-inch side laps self-adhered	Min. 2.5-inch ISOGARD GL, ISOGARD CG or Elevate ISOGARD HD Composite	Elevate Heavy Duty Fastener and Elevate UltraPly TPO InvisiWeld Plate	1 per 4.0 ft ² (8 parts per 4x8 ft board) in a 24 x 24-inch grid	Elevate UltraPly TPO or UltraPly TPO Platinum induction welded to Elevate UltraPly TPO InvisiWeld Plate with RhinoBond Tool in accordance with manufacturer's instructions.	-52.5
SC-301.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	None	One or more layers, any combination	Elevate Heavy Duty Fastener and Elevate UltraPly TPO InvisiWeld Plate	1 per 4.0 ft ² (8 parts per 4x8 ft board) Per FM LPDS 1-29	Elevate UltraPly TPO or UltraPly TPO Platinum induction welded to Elevate UltraPly TPO InvisiWeld Plate with RhinoBond Tool in accordance with manufacturer's instructions.	-60.0
SC-302.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	None	One or more layers, any combination	Elevate Heavy Duty Fastener with alternating Rows of: 1.) Elevate UltraPly TPO InvisiWeld Plate 2.) Elevate Insulation Fastening Plate	1 per 2.0 ft ² (16 parts per 4x8 ft board) in a 12 x 24-inch grid	Elevate UltraPly TPO or UltraPly TPO Platinum induction welded to Elevate UltraPly TPO InvisiWeld Plate with RhinoBond Tool in accordance with manufacturer's instructions.	-67.5
SC-303.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	None	One or more layers, any combination	Elevate Heavy Duty Fastener and Elevate UltraPly TPO InvisiWeld Plate	1 per 2.7 ft ² (12 parts per 4x8 ft board) Per FM LPDS 1-29	Elevate UltraPly TPO or UltraPly TPO Platinum induction welded to Elevate UltraPly TPO InvisiWeld Plate with RhinoBond Tool in accordance with manufacturer's instructions.	-75.0
SC-304.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	None	One or more layers, any combination	Elevate Heavy Duty Fastener and Elevate UltraPly TPO InvisiWeld Plate	1 per 2.0 ft ² (16 parts per 4x8 ft board) Per FM LPDS 1-29	Elevate UltraPly TPO or UltraPly TPO Platinum induction welded to Elevate UltraPly TPO InvisiWeld Plate with RhinoBond Tool in accordance with manufacturer's instructions.	-105.0

**TABLE 10I: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE D-1: INSULATED, MECHANICALLY ATTACHED ROOF COVER (STRESS PLATES)**

System No.	Deck (4.1.2)	Vapor & Air Barrier	Insulation		Roof Cover (3.1.4)			MDP (psf)
			Type	Attach (3.1.2)	Membrane	Fastener (3.1.1, 4.2.2)	Attach	
SC-305.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	None	Min. 1.5-inch thick, one or more layers, any combination	prelim. attached	Elevate UltraPly TPO or UltraPly TPO Platinum	Elevate HD Fastener or Elevate Concrete Drive (concrete only) with Elevate HD Seam Plate or Elevate UltraPly TPO Barbed Seam Plate	18-inch o.c. within 6-inch wide laps spaced 72-inch o.c. Laps sealed with 1.5-inch heat weld.	-30.0 (NO HVHZ)
SC-306.	Min. 22 ga., Type B, Grade 33 steel	None	Min. 1.5-inch thick, one or more layers, any combination	prelim. attached	Elevate UltraPly TPO or UltraPly TPO Platinum	Elevate HD Plus Fastener with Elevate HD Plus Seam Plate	18-inch o.c. within 6-inch wide laps spaced 90-inch o.c. Laps sealed with 1.5-inch heat weld.	-30.0 (NO HVHZ)

**NEMO EVALUATIONS REPORT**

Report No.: NER-AMZ-001.B.R4

Revision 4: 2026-06-09

Page 66 of 124

Amrize Building Envelope LLC (Elevate)

FL10264-R23



ISO/IEC 17065 PCA-145

**TABLE 10I: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE D-1: INSULATED, MECHANICALLY ATTACHED ROOF COVER (STRESS PLATES)**

System No.	Deck (4.1.2)	Vapor & Air Barrier	Insulation		Roof Cover (3.1.4)			MDP (psf)
			Type	Attach (3.1.2)	Membrane	Fastener (3.1.1, 4.2.2)	Attach	
SC-307.	Min. 22 ga., Type B, Grade 33 steel	None	Min. 1.5-inch thick, one or more layers, any combination	prelim. attached	Elevate UltraPly TPO or UltraPly TPO Platinum	Elevate HD Fastener with Elevate HD Seam Plate	12-inch o.c. within 6-inch wide laps spaced 114-inch o.c. Laps sealed with 1.5-inch heat weld.	-30.0 (NO HVHZ)
SC-308.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	None	(Optional for Recover) Min. 0.5-inch thick, one or more layers, any combination	prelim. attached	Elevate UltraPly TPO XR 100, TPO XR 115 or TPO XR 135	Elevate HD Fastener or Elevate Concrete Drive (concrete only) with Elevate HD Seam Plate	6-inch o.c. within 6-inch wide laps spaced 114-inch o.c. Laps sealed with 1.5-inch heat weld.	-30.0 (NO HVHZ)
SC-309.	Min. 22 ga., Type B, Grade 33 steel	None	Min. 1.5-inch thick, one or more layers, any combination	prelim. attached	Elevate UltraPly TPO or UltraPly TPO Platinum	Elevate HD Plus Fastener with Elevate HD Plus Seam Plate	12-inch o.c. within 6-inch wide laps spaced 142-inch o.c. Laps sealed with 1.5-inch heat weld.	-30.0 (NO HVHZ)
SC-310.	Min. 22 ga., Type B, Grade 80 steel or min. 20 ga., type B, Grade 33 steel or structural concrete	None	Min. 1.5-inch thick, one or more layers, any combination	prelim. attached	Elevate UltraPly TPO or UltraPly TPO Platinum	Elevate HD Plus Fastener (steel only) or Elevate Concrete Drive (concrete only) with Elevate HD Plus Seam Plate	18-inch o.c. within 6-inch wide laps spaced 90-inch o.c. Laps sealed with 5-inch heat weld that encapsulates plates.	-37.5 (NO HVHZ)
SC-311.	Min. 22 ga., Type B, Grade 33 steel	None	Min. 1.5-inch thick, one or more layers, any combination	prelim. attached	Elevate UltraPly TPO or UltraPly TPO Platinum	Elevate HD Plus Fastener with Elevate HD Plus Seam Plate	12-inch o.c. within 6-inch wide laps spaced 90-inch o.c. Laps sealed with 1.5-inch heat weld.	-37.5 (NO HVHZ)
SC-312.	Min. 22 ga., Type B, Grade 33 steel	None	Min. 1.5-inch thick, one or more layers, any combination	prelim. attached	Elevate UltraPly TPO or UltraPly TPO Platinum	Elevate HD Plus Fastener with Elevate HD Plus Seam Plate	12-inch o.c. within 6-inch wide laps spaced 114-inch o.c. Laps sealed with 1.5-inch heat weld.	-37.5 (NO HVHZ)
SC-313.	Min. 22 ga., Type B, 60 ksi steel	V-Force with min. 3-inch side laps self-adhered to top flanges of steel deck	Min. 2-inch ISOGARD GL, ISOGARD CG or Elevate ISOGARD HD Composite	3.1.1 (HD only) 1 per 5.3 ft ² 24x36-inch grid, 12-inch from board edges	Elevate UltraPly TPO or UltraPly TPO Platinum	Elevate HD Fastener with Elevate HD Seam Plate	12-inch o.c. within 6-inch wide laps spaced 142-inch o.c. Laps sealed with 1.5-inch heat weld.	-37.5 (NO HVHZ)
SC-314.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	None	Min. 1.5-inch thick, one or more layers, any combination	prelim. attached	Elevate UltraPly TPO or UltraPly TPO Platinum	Elevate HD Fastener or Elevate Concrete Drive (concrete only) with Elevate HD Seam Plate or Elevate UltraPly TPO Barbed Seam Plate	12-inch o.c. within 6-inch wide laps spaced 72-inch o.c. Laps sealed with 1.5-inch heat weld.	-45.0
SC-315.	Min. 22 ga., Type B, Grade 80 steel or min. 20 ga., type B, Grade 33 steel or structural concrete	None	Min. 1.5-inch thick, one or more layers, any combination	prelim. attached	Elevate UltraPly TPO or UltraPly TPO Platinum	Elevate HD Fastener or Elevate Concrete Drive (concrete only) with Elevate HD Seam Plate	12-inch o.c. within 6-inch wide laps spaced 90-inch o.c. Laps sealed with 1.5-inch heat weld.	-45.0

**NEMO EVALUATIONS REPORT**

Report No.: NER-AMZ-001.B.R4

Revision 4: 2026-06-09

Page 67 of 124

Amrize Building Envelope LLC (Elevate)

FL10264-R23



ISO/IEC 17065

PCA-145

**TABLE 10I: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE D-1: INSULATED, MECHANICALLY ATTACHED ROOF COVER (STRESS PLATES)**

System No.	Deck (4.1.2)	Vapor & Air Barrier	Insulation		Roof Cover (3.1.4)			MDP (psf)
			Type	Attach (3.1.2)	Membrane	Fastener (3.1.1, 4.2.2)	Attach	
SC-316.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	None	Min. 0.5-inch thick, one or more layers, any combination	prelim. attached	Elevate UltraPly TPO or UltraPly TPO Platinum	Elevate HD Plus Fastener (steel only) or Elevate Concrete Drive (concrete only) with Elevate HD Plus Seam Plate	12-inch o.c. within 6-inch wide laps spaced 90-inch o.c. Laps sealed with 1.5-inch heat weld.	-45.0
SC-317.	Min. 22 ga., Type B, Grade 80 steel or min. 20 ga., type B, Grade 33 steel or structural concrete	None	Min. 1.5-inch thick, one or more layers, any combination	prelim. attached	Elevate UltraPly TPO or UltraPly TPO Platinum	Elevate HD Fastener or Elevate Concrete Drive (concrete only) with Elevate HD Seam Plate or Elevate UltraPly TPO Wide Weld Seam Plate	12-inch o.c. within 6-inch wide laps spaced 90-inch o.c. Laps sealed with 5-inch heat weld that encapsulates plates.	-45.0
SC-318.	Min. 22 ga., Type B, Grade 80 steel or min. 20 ga., type B, Grade 33 steel or structural concrete	None	Min. 1.5-inch thick, one or more layers, any combination	prelim. attached	Elevate UltraPly TPO or UltraPly TPO Platinum	Elevate HD Plus Fastener (steel only) or Elevate Concrete Drive (concrete only) with Elevate HD Plus Seam Plate	12-inch o.c. within 6-inch wide laps spaced 114-inch o.c. Laps sealed with 1.5-inch heat weld.	-45.0
SC-319.	Min. 22 ga., Type B, Grade 80 steel or min. 20 ga., type B, Grade 33 steel or structural concrete	None	Min. 1.5-inch thick, one or more layers, any combination	prelim. attached	Elevate UltraPly TPO or UltraPly TPO Platinum	Elevate HD Plus Fastener (steel only) or Elevate Concrete Drive (concrete only) with Elevate HD Plus Seam Plate or Elevate UltraPly TPO Wide Weld Seam Plate	12-inch o.c. within 6-inch wide laps spaced 114-inch o.c. Laps sealed with 5-inch heat weld that encapsulates plates.	-45.0
SC-320.	Min. 22 ga., Type B, 60 ksi steel	V-Force with min. 3-inch side laps self-adhered to top flanges of steel deck	Min. 0.5-inch ISOGARD GL, ISOGARD CG or Elevate ISOGARD HD	3.1.1 (HD only) 1 per 8 ft ² 24x72-inch grid	Elevate UltraPly TPO or UltraPly TPO Platinum	Elevate HD Fastener with Elevate HD Seam Plate	12-inch o.c. within 6-inch wide laps spaced 114-inch o.c. Laps sealed with 1.5-inch heat weld.	-45.0
SC-321.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	None	Min. 1.5-inch thick, one or more layers, any combination	prelim. attached	Elevate UltraPly TPO or UltraPly TPO Platinum	Elevate HD Fastener or Elevate Concrete Drive (concrete only) with Elevate HD Seam Plate or Elevate UltraPly TPO Barbed Seam Plate	6-inch o.c. within 6-inch wide laps spaced 72-inch o.c. Laps sealed with 1.5-inch heat weld.	-52.5
SC-322.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	None	Min. 0.5-inch thick, one or more layers, any combination	prelim. attached	Elevate UltraPly TPO or UltraPly TPO Platinum	Elevate HD Fastener or Elevate Concrete Drive (concrete only) with Elevate HD Seam Plate	6-inch o.c. within 6-inch wide laps spaced 114-inch o.c. Laps sealed with 1.5-inch heat weld.	-52.5
SC-323.	Min. 22 ga., Type B, 50 ksi steel	Min. 0.25-inch SECURock Gypsum-Fiber Roof Board followed by V-Force with min. 3-inch side laps self-adhered	Min. 3-inch ISOGARD GL or ISOGARD CG	3.1.1 (HD only) 1 per 4.0 ft ² 24x24-inch grid	Elevate UltraPly TPO or UltraPly TPO Platinum	Elevate HD Fastener with Elevate HD Seam Plate	12-inch o.c. within 6-inch wide laps spaced 114-inch o.c. Laps sealed with 1.5-inch heat weld.	-52.5



NEMO EVALUATIONS REPORT

Report No.: NER-AMZ-001.B.R4

Revision 4: 2026-06-09

Page 68 of 124

Amrize Building Envelope LLC (Elevate)

FL10264-R23



ISO/IEC 17065



PCA-145

**TABLE 10I: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE D-1: INSULATED, MECHANICALLY ATTACHED ROOF COVER (STRESS PLATES)**

System No.	Deck (4.1.2)	Vapor & Air Barrier	Insulation		Roof Cover (3.1.4)			MDP (psf)
			Type	Attach (3.1.2)	Membrane	Fastener (3.1.1, 4.2.2)	Attach	
SC-324.	Min. 22 ga., Type B, 60 ksi steel	V-Force with min. 3-inch side laps self-adhered to top flanges of steel deck	Min. 0.5-inch ISOGARD GL, ISOGARD CG or Elevate ISOGARD HD	3.1.1 (HD only) 1 per 5.3 ft ² 24x36-inch grid, 12-inch from board edges	Elevate UltraPly TPO or UltraPly TPO Platinum	Elevate HD Fastener with Elevate HD Seam Plate	12-inch o.c. within 6-inch wide laps spaced 142-inch o.c. Laps sealed with 1.5-inch heat weld.	-52.5
SC-325.	Min. 22 ga., Type B, Grade 80 steel	None	Min. 1.5-inch thick, one or more layers, any combination	prelim. attached	Elevate UltraPly TPO or UltraPly TPO Platinum	Elevate HD Fastener with Elevate HD Seam Plate	6-inch o.c. within 6-inch wide laps spaced 142-inch o.c. Laps sealed with 1.5-inch heat weld.	-52.5
SC-326.	Min. 22 ga., Type B, 50 ksi steel	None	Min. 0.5-inch thick, one or more layers, any combination	prelim. attached	Elevate UltraPly TPO or UltraPly TPO Platinum	Elevate HD Fastener with Elevate HD Seam Plate	6-inch o.c. within 7-inch wide laps spaced 89-inch o.c. Laps sealed with 1.5-inch heat weld.	-60.0
SC-327.	Min. 22 ga., Type B, 50 ksi steel	None	Min. 0.5-inch thick, one or more layers, any combination	prelim. attached	Elevate UltraPly TPO (min. 60-mil) or UltraPly TPO Platinum	Elevate HD Fastener with Elevate HD Seam Plate	6-inch o.c. within 6-inch wide laps spaced 114-inch o.c. Laps sealed with 1.5-inch heat weld.	-60.0
SC-328.	Min. 22 ga., Type B, Grade 33 steel	None	Min. 1.5-inch thick, one or more layers, any combination	prelim. attached	Elevate UltraPly TPO or UltraPly TPO Platinum	Elevate HD Plus Fastener with Elevate HD Plus Seam Plate	6-inch o.c. within 6-inch wide laps spaced 142-inch o.c. Laps sealed with 1.5-inch heat weld.	-60.0
SC-329.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	None	Min. 0.5-inch thick, one or more layers, any combination	prelim. attached	Elevate UltraPly TPO or UltraPly TPO Platinum	Elevate HD Plus Fastener (steel only) or Elevate Concrete Drive (concrete only) with Elevate HD Plus Seam Plate	6-inch o.c. within 6-inch wide laps spaced 114-inch o.c. Laps sealed with 1.5-inch heat weld.	-67.5
SC-330.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	None	Min. 1.5-inch thick, one or more layers, any combination	prelim. attached	Elevate UltraPly TPO or UltraPly TPO Platinum	Elevate HD Plus Fastener (steel only) or Elevate Concrete Drive (concrete only) with Elevate HD Plus Seam Plate	6-inch o.c. within 6-inch wide laps spaced 90-inch o.c. Laps sealed with 5-inch heat weld that encapsulates plates.	-82.5
SC-331.	Min. 22 ga., Type B, 60 ksi steel	Two (2) layers, V-Force with min. 3-inch side laps self-adhered	Min. 3-inch ISOGARD GL, ISOGARD CG or Elevate ISOGARD HD Composite	3.1.1 (HD only) 1 per 5.3 ft ² 24x36-inch grid, 12-inch from board edges	Elevate UltraPly TPO or UltraPly TPO Platinum	Elevate HD Fastener with Elevate HD Seam Plate	12-inch o.c. within 6-inch wide laps spaced 142-inch o.c. Laps sealed with 1.5-inch heat weld.	-82.5
SC-332.	Min. 22 ga., Type B, Grade 80 steel or min. 20 ga., type B, Grade 33 steel or structural concrete	None	Min. 1.5-inch thick, one or more layers, any combination	prelim. attached	Elevate UltraPly TPO or UltraPly TPO Platinum	Elevate HD Plus Fastener (steel only) or Elevate Concrete Drive (concrete only) with Elevate HD Plus Seam Plate	6-inch o.c. within 6-inch wide laps spaced 90-inch o.c. Laps sealed with 5-inch heat weld that encapsulates plates.	-90.0

TABLE 10J: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE D-1: INSULATED, MECHANICALLY ATTACHED ROOF COVER (BATTEN STRIPS)

System No.	Deck (4.1.2)	Insulation		Roof Cover (3.1.4)			MDP (psf)
		Type	Attach (3.1.2)	Membrane	Fastener (3.1.1, 4.2.2)	Attach	
SC-333.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch thick, one or more layers, any combination	prelim. attached	Elevate UltraPly TPO or UltraPly TPO Platinum	Elevate HD Fastener or Elevate Concrete Drive (concrete only) with Elevate Polymer Batten Strip	Fastener 12-inch o.c. through batten within 6-inch wide laps spaced 90-inch o.c. Laps sealed with 5-inch heat weld that encapsulates batten.	-30.0 (NO HVHZ)
SC-334.	Min. 22 ga., Type B, Grade 33 steel	Min. 1.5-inch thick ISOgard GL	prelim. attached	Elevate UltraPly TPO or UltraPly TPO Platinum	Elevate HD Plus Fastener with Elevate Coiled Metal Batten Strip	Fastener 12-inch o.c. through batten within 6-inch wide laps spaced 142-inch o.c. Laps sealed with 5-inch heat weld that encapsulates batten.	-30.0 (NO HVHZ)
SC-335.	Min. 22 ga., Type B, Grade 33 steel	Min. 1.5-inch thick, one or more layers, any combination	prelim. attached	Elevate UltraPly TPO or UltraPly TPO Platinum	Elevate HD Fastener with Elevate Coiled Metal Batten Strip	Fastener 12-inch o.c. through batten within 6-inch wide laps spaced 90-inch o.c. Laps sealed with 5-inch heat weld that encapsulates batten.	-37.5 (NO HVHZ)
SC-336.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch thick, one or more layers, any combination	prelim. attached	Elevate UltraPly TPO or UltraPly TPO Platinum	Elevate UltraPly QuickSeam R.M.A. Strips with Elevate HD Fastener or Elevate Concrete Drive (concrete only) with Elevate Polymer Batten Strip	Elevate UltraPly QuickSeam R.M.A. Strips are applied over the insulation spaced 72-inch o.c. The batten is centered over each strip and fastened 12-inch o.c. Roof cover adhered to each strip by first priming with Single-Ply QuickPrime Primer at the strip location, then rolling into place with a hand roller.	-37.5 (NO HVHZ)
SC-337.	Min. 22 ga., Type B, Grade 80 steel or min. 20 ga., type B, Grade 33 steel or structural concrete	Min. 1.5-inch thick, one or more layers, any combination	prelim. attached	Elevate UltraPly TPO or UltraPly TPO Platinum	Elevate HD Plus Fastener (steel only) or Elevate Concrete Drive (concrete only) with Elevate Coiled Metal Batten Strip	Fastener 12-inch o.c. through batten within 6-inch wide laps spaced 90-inch o.c. Laps sealed with 5-inch heat weld that encapsulates batten.	-45.0
SC-338.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch thick, one or more layers, any combination	prelim. attached	Elevate UltraPly TPO or UltraPly TPO Platinum	Elevate UltraPly QuickSeam R.M.A. Strips with Elevate HD Fastener with Elevate Coiled Metal Batten Strip	Elevate UltraPly QuickSeam R.M.A. Strips are applied over the insulation spaced 120-inch o.c. The batten is centered over each strip and fastened 6-inch o.c. Roof cover adhered to each strip by first priming with Elevate UltraPly TPO QuickPrime at the strip location, then rolling into place with a hand roller.	-45.0
SC-339.	Min. 22 ga., Type B, Grade 80 steel	Min. 1.5-inch thick, one or more layers, any combination	Loose Laid	Elevate UltraPly TPO or UltraPly TPO Platinum	Elevate HD Fastener with Elevate Coiled Metal Batten Strip	Fastener 6-inch o.c. through batten within 6-inch wide laps spaced 142-inch o.c. Laps sealed with 5-inch heat weld that encapsulates batten.	-52.5
SC-340.	Min. 22 ga., Type B, Grade 80 steel or min. 20 ga., type B, Grade 33 steel or structural concrete	Min. 1.5-inch thick, one or more layers, any combination	prelim. attached	Elevate UltraPly TPO or UltraPly TPO Platinum	Elevate HD Fastener or Elevate Concrete Drive (concrete only) with Elevate Batten Strip or Coiled Metal Batten Strip	Fastener 6-inch o.c. through batten in field of the roof spaced 144-inch o.c. Battens sealed with 5-inch wide cover strip, with 1.5-inch heat weld on each side of the strip or by applying Elevate TPO QuickSeam Flashing atop batten.	-60.0
SC-341.	Min. 22 ga., Type B, Grade 80 steel or min. 20 ga., type B, Grade 33 steel or structural concrete	Min. 1.5-inch thick, one or more layers, any combination	prelim. attached	Elevate UltraPly TPO or UltraPly TPO Platinum	Elevate HD Fastener or Elevate Concrete Drive (concrete only) with Elevate Polymer Batten Strips	Fastener 6-inch o.c. through batten within 6-inch wide laps spaced 114-inch o.c. Laps sealed with 5-inch heat weld that encapsulates batten.	-60.0

TABLE 10J: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE D-1: INSULATED, MECHANICALLY ATTACHED ROOF COVER (BATTEN STRIPS)

System No.	Deck (4.1.2)	Insulation		Roof Cover (3.1.4)			MDP (psf)
		Type	Attach (3.1.2)	Membrane	Fastener (3.1.1, 4.2.2)	Attach	
SC-342.	Min. 22 ga., Type B, Grade 33 steel	Min. 1.5-inch thick, one or more layers, any combination	prelim. attached	Elevate UltraPly TPO or UltraPly TPO Platinum	Elevate HD Plus Fastener with Elevate Coiled Metal Batten Strip	Fastener 6-inch o.c. through batten within 6-inch wide laps spaced 142-inch o.c. Laps sealed with 5-inch heat weld that encapsulates batten.	-60.0
SC-343.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch thick, one or more layers, any combination	prelim. attached	Elevate UltraPly TPO or UltraPly TPO Platinum	Elevate HD Fastener or Elevate Concrete Drive (concrete only) with Elevate Coiled Metal Batten Strip or Elevate Polymer Batten Strip	Fastener 6-inch o.c. through batten within 6-inch wide laps spaced 90-inch o.c. Laps sealed with 5-inch heat weld that encapsulates batten.	-67.5
SC-344.	Min. 22 ga., Type B, Grade 33 steel	Min. 1.5-inch thick, one or more layers, any combination	prelim. attached	Elevate UltraPly TPO or UltraPly TPO Platinum	Elevate HD Plus Fastener with Elevate Coiled Metal Batten Strip	Fastener 6-inch o.c. through batten within 6-inch wide laps spaced 114-inch o.c. Laps sealed with 5-inch heat weld that encapsulates batten.	-67.5
SC-345.	Min. 22 ga., Type B, Grade 80 steel or min. 20 ga., type B, Grade 33 steel or structural concrete	Min. 1.5-inch thick, one or more layers, any combination	prelim. attached	Elevate UltraPly TPO or UltraPly TPO Platinum	Elevate HD Fastener or Elevate Concrete Drive (concrete only) with Elevate Batten Strip or Coiled Metal Batten Strip or Elevate HD Plus Fastener (steel only) or Elevate Concrete Drive (concrete only) with Elevate Polymer Batten Strip	Fastener 6-inch o.c. through batten within 6-inch wide laps spaced 114-inch o.c. Laps sealed with 5-inch heat weld that encapsulates batten.	-75.0
SC-346.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch thick, one or more layers, any combination	prelim. attached	Elevate UltraPly TPO or UltraPly TPO Platinum	Elevate HD Plus Fastener (steel only) or Elevate Concrete Drive (concrete only) with Elevate Batten Strip or Coiled Metal Batten Strip	Fastener 6-inch o.c. through batten within 6-inch wide laps spaced 90-inch o.c. Laps sealed with 5-inch heat weld that encapsulates batten.	-82.5
SC-347.	Min. 22 ga., Type B, Grade 80 steel	Min. 1.5-inch thick, one or more layers, any combination	Loose Laid	Elevate UltraPly TPO or UltraPly TPO Platinum	Elevate HD Plus Fastener (steel only) with Elevate ¾" Polymer Batten Strips	Fastener 6-inch o.c. through batten within 6-inch wide laps spaced 68-inch o.c. Laps sealed with 5-inch heat weld that encapsulates batten.	-82.5
SC-348.	Min. 22 ga., Type B, Grade 80 steel or min. 20 ga., Type B, Grade 33 steel	Min. 1.5-inch thick, one or more layers, any combination	prelim. attached	Elevate UltraPly TPO or UltraPly TPO Platinum	Elevate HD Fastener with Elevate Coiled Metal Batten Strip	Fastener 6-inch o.c. through batten within 6-inch wide laps spaced 90-inch o.c. Laps sealed with 5-inch heat weld that encapsulates batten.	-90.0
SC-349.	Min. 22 ga., Type B, Grade 80 steel or min. 20 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch thick, one or more layers, any combination	prelim. attached	Elevate UltraPly TPO or UltraPly TPO Platinum	Elevate HD Plus Fastener (steel only) or Elevate Concrete Drive (concrete only) with Elevate Batten Strip or Coiled Metal Batten Strip	Fastener 6-inch o.c. through batten within 6-inch wide laps spaced 90-inch o.c. Laps sealed with 5-inch heat weld that encapsulates batten.	-97.5
SC-350.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch thick, one or more layers, any combination	prelim. attached	Elevate UltraPly TPO or UltraPly TPO Platinum	Elevate HD Plus Fastener (steel only) or Elevate Concrete Drive (concrete only) with Elevate Coiled Metal Batten Strip	Fastener 6-inch o.c. through batten within 6-inch wide laps spaced 54-inch o.c. Laps sealed with 5-inch heat weld that encapsulates batten.	-112.5

TABLE 10J: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE D-1: INSULATED, MECHANICALLY ATTACHED ROOF COVER (BATTEN STRIPS)

System No.	Deck (4.1.2)	Insulation		Roof Cover (3.1.4)			MDP (psf)
		Type	Attach (3.1.2)	Membrane	Fastener (3.1.1, 4.2.2)	Attach	
SC-351.	Min. 22 ga., Type B, Grade 33 steel	Min. 0.5-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board loose laid over min. 1.5-inch thick, one or more layers, any combination	prelim. attached	Elevate UltraPly TPO or UltraPly TPO Platinum	Elevate HD Plus Fastener (steel only) with Elevate Coiled Metal Batten Strip	Fastener 6-inch o.c. through batten within 6-inch wide laps spaced 54-inch o.c. Laps sealed with 5-inch heat weld that encapsulates batten.	-112.5
SC-352.	Min. 22 ga., Type B, Grade 80 steel	Min. 1.5-inch thick, one or more layers, any combination	Loose Laid	Elevate UltraPly TPO or UltraPly TPO Platinum	Elevate HD Plus Fastener (steel only) with Elevate ¾" Polymer Batten Strips	Lap Row: Fastener 6-inch o.c. through battens within 6-inch wide laps spaced 142-inch o.c. Laps sealed with 5-inch heat weld that encapsulates the batten. Field Row: Fastener 6-inch o.c. through battens in one intermediate row between laps. Batten strips covered with 5-inch wide Elevate UltraPly TPO strips sealed on both sides with 1.5-inch heat weld.	-135.0

TABLE 10K: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE D-2: INSULATED, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER

System No.	Deck (4.1.2)	Insulation		Base Sheet			Roof Cover (3.1.4)	MDP (psf)
		Type	Attach (3.1.2)	Type	Fastener (3.1.1, 4.2.2)	Attach		
SC-353.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1-inch thick, one or more layers, any combination	Loose Laid	SBS Base	3.1.1	Max. 12-inch o.c. at the min. 3.4-inch laps 12-inch o.c. at two (2) equally spaced, staggered center rows	XR-XRSMA (RIBBON, 12). Ribbons centered between base sheet fastener rows	-37.5* (NO HVHZ)
SC-354.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1-inch thick, one or more layers, any combination	Loose Laid	SBS Base	3.1.1	Max. 12-inch o.c. at the min. 3.4-inch laps 12-inch o.c. at two (2) equally spaced, staggered center rows	XR-XRSMA (RIBBON, 12). Ribbons placed atop stress plates in base sheet fastener rows	-45.0*
SC-355.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 0.5-inch thick, one or more layers, any combination	Loose Laid	MB Base	3.1.1	Max. 12-inch o.c. at the min. 2-inch laps 12-inch o.c. at two (2) equally spaced, staggered center rows	XR-HA	-45.0*

**NEMO EVALUATIONS REPORT**

Report No.: NER-AMZ-001.B.R.4

Revision 4: 2026-06-09

Page 72 of 124

Amrize Building Envelope LLC (Elevate)

FL10264-R23



ISO/IEC 17065

PCA-145

**TABLE 11A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER**REFER TO [TABLE VB-1](#) FOR VAPOR BARRIER OPTIONS

System No.	Deck (4.1.2)	Primer	Base Insulation Layer		Top Insulation Layer		Roof Cover (3.1.4)	MDP (psf)
			Type	Attach (3.1.3)	Type	Attach (3.1.3)		
ELEVATE ULTRAPLY TPO SYSTEMS:								
C-1	Structural concrete	ASTM D41	Min. 1.5-inch ISOGARD GL or ISOGARD CG	Hot Asphalt	(Optional) Tapered ISOGARD GL	Hot asphalt	BB-JBSA, BB-LVOC-1168 or BB-UPBA	-180.0
C-2	Structural concrete	ASTM D41	Min. 1.5-inch ISOGARD GL with optional Tapered ISOGARD GL	Hot Asphalt	Min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Hot Asphalt	BB-JBSA or BB-UPBA	-195.0
C-3	Structural concrete	ASTM D41	Min. 1.5-inch ISOGARD GL with optional Tapered ISOGARD GL	Hot Asphalt	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Hot Asphalt	BB-LVOC-1168	-195.0
C-4	Structural concrete	ASTM D41	Min. 1.5-inch ISOGARD GL with optional Tapered ISOGARD GL	Hot Asphalt	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	Hot Asphalt	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-195.0
C-5	Structural concrete	None	Min. 1.5-inch ISOGARD GL or ISOGARD CG	I.S.O. Spray R, I.S.O. Twin Pack	(Optional) Additional layers of base insulation	I.S.O. Spray R, I.S.O. Twin Pack	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-165.0
C-6	Structural concrete	None	Min. 1.5-inch ISOGARD GL or ISOGARD CG	I.S.O. Spray R, I.S.O. Twin Pack, 8-inch o.c.	(Optional) Additional layers of base insulation	I.S.O. Spray R, I.S.O. Twin Pack, 8-inch o.c.	BB-JBSA, BB-LVOC-1168 or BB-UPBA	-240.0
C-7	Structural concrete	None	Min. 1.5-inch ISOGARD GL	I.S.O. Spray R, I.S.O. Twin Pack, 4-inch o.c.	(Optional) Additional layers of base insulation	I.S.O. Spray R, I.S.O. Twin Pack, 4-inch o.c.	BB-JBSA, BB-LVOC-1168 or BB-UPBA	-285.0
C-8	Structural concrete	None	Min. 1.5-inch ISOGARD CG	I.S.O. Spray R, I.S.O. Twin Pack, 6-inch o.c.	(Optional) Additional layers of base insulation	I.S.O. Spray R, I.S.O. Twin Pack, 6-inch o.c.	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-360.0
C-9	Structural concrete	None	Min. 1-inch ISOGARD CG	I.S.O. Spray R, I.S.O. Twin Pack	Min. 1-inch ISOGARD CG	I.S.O. Spray R, I.S.O. Twin Pack	BB-LVOC-1168	-450.0
C-10	Structural concrete	None	Min. 1.5-inch ISOGARD GL	I.S.O. Spray R, I.S.O. Twin Pack	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	I.S.O. Spray R, I.S.O. Twin Pack	BB-JBSA, BB-LVOC-1168 or BB-UPBA	-127.5
C-11	Structural concrete	None	Min. 1.5-inch ISOGARD GL	I.S.O. Spray R, I.S.O. Twin Pack	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	I.S.O. Spray R, I.S.O. Twin Pack	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-127.5
C-12	Structural concrete	None	Min. 1.5-inch ISOGARD GL	I.S.O. Spray R, I.S.O. Twin Pack	Min. 0.25-inch DensDeck or SECUROCK Gypsum-Fiber Roof Board	I.S.O. Spray R, I.S.O. Twin Pack	BB-JBSA or BB-UPBA	-157.5
C-13	Structural concrete	None	Min. 1.5-inch ISOGARD GL	I.S.O. Spray R, I.S.O. Twin Pack, 8-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	I.S.O. Spray R, I.S.O. Twin Pack, 8-inch o.c.	BB-JBSA, BB-LVOC-1168 or BB-UPBA	-187.5
C-14	Structural concrete	None	Min. 1.5-inch ISOGARD GL	I.S.O. Spray R, I.S.O. Twin Pack, 8-inch o.c.	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	I.S.O. Spray R, I.S.O. Twin Pack, 8-inch o.c.	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-187.5

**NEMO EVALUATIONS REPORT**

Report No.: NER-AMZ-001.B.R4

Revision 4: 2026-06-09

Page 73 of 124

Amrize Building Envelope LLC (Elevate)

FL10264-R23



ISO/IEC 17065

PCA-145

**TABLE 11A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER**REFER TO [TABLE VB-1](#) FOR VAPOR BARRIER OPTIONS

System No.	Deck (4.1.2)	Primer	Base Insulation Layer		Top Insulation Layer		Roof Cover (3.1.4)	MDP (psf)
			Type	Attach (3.1.3)	Type	Attach (3.1.3)		
C-15	Structural concrete	None	Two layers min. 1.5-inch ISOGARD GL	I.S.O. Spray R, I.S.O. Twin Pack, 8-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	I.S.O. Spray R, I.S.O. Twin Pack, 8-inch o.c.	BB-JBSA or BB-UPBA	-195.0
C-16	Structural concrete	None	Min. 1.5-inch ISOGARD GL	I.S.O. Spray R, I.S.O. Twin Pack, 4-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	I.S.O. Spray R, I.S.O. Twin Pack, 4-inch o.c.	BB-JBSA, BB-LVOC-1168 or BB-UPBA	-247.5
C-17	Structural concrete	None	Min. 1.5-inch ISOGARD GL	I.S.O. Spray R, I.S.O. Twin Pack, 4-inch o.c.	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	I.S.O. Spray R, I.S.O. Twin Pack, 4-inch o.c.	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-247.5
C-18	Structural concrete	None	Min. two layers min. 1.5-inch ISOGARD GL	I.S.O. Spray R, I.S.O. Twin Pack	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	I.S.O. Spray R, I.S.O. Twin Pack	BB-LVOC-1168	-262.5
C-19	Structural concrete	None	Min. two layers min. 1.5-inch ISOGARD GL	I.S.O. Spray R, I.S.O. Twin Pack	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	I.S.O. Spray R, I.S.O. Twin Pack	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-262.5
C-20	Structural concrete	None	(Optional) One or more layers, min. 1.5-inch ISOGARD GL	I.S.O. Spray R, I.S.O. Twin Pack	Min. 0.5-inch Elevate ISOGARD HD	I.S.O. Spray R, I.S.O. Twin Pack	BB-JBSA	-172.5
C-21	Structural concrete	None	One or more layers, min. 1.5-inch ISOGARD GL	I.S.O. Spray R, I.S.O. Twin Pack	Min. 0.5-inch Elevate ISOGARD HD	I.S.O. Spray R, I.S.O. Twin Pack	BB-UPBA or BB-LVOC-1168	-247.5
C-22	Structural concrete	None	Min. 0.5-inch Elevate ISOGARD HD	I.S.O. Spray R, I.S.O. Twin Pack	None	N/A	BB-UPBA or BB-LVOC-1168	-300.0
C-23	Structural concrete	None	Min. 1.5-inch ISOGARD GL	Twin Jet Y (SPATTER)	(Optional) Additional layers base insulation	Twin Jet Y (SPATTER)	BB-JBSA, BB-LVOC-1168 or BB-UPBA	-270.0
C-24	Structural concrete	None	Min. 1.5-inch ISOGARD GL	Twin Jet Y (SPATTER)	Min. 0.25-inch DensDeck or SECUROCK Gypsum-Fiber Roof Board	Twin Jet Y (SPATTER)	BB-JBSA or BB-UPBA	-195.0
C-25	Structural concrete	None	Min. 1.5-inch ISOGARD GL	Twin Jet Y (SPATTER)	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Twin Jet Y (SPATTER)	BB-JBSA, BB-LVOC-1168 or BB-UPBA	-240.0
C-26	Structural concrete	None	Min. 1.5-inch ISOGARD GL or ISOGARD CG	I.S.O. Stick, Twin Jet, Twin Jet Y	(Optional) Additional layers of base insulation	I.S.O. Stick, Twin Jet, Twin Jet Y	BB-JBSA, BB-LVOC-1168 or BB-UPBA	-150.0
C-27	Structural concrete	None	Min. 1.5-inch ISOGARD CG	I.S.O. Stick, Twin Jet, 6-inch o.c.	(Optional) Additional layers of base insulation	I.S.O. Stick, Twin Jet, Twin Jet Y, 6-inch o.c.	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-360.0
C-28	Structural concrete	None	Min. 1-inch ISOGARD CG	I.S.O. Stick, Twin Jet	Min. 1-inch ISOGARD CG	I.S.O. Stick, Twin Jet, Twin Jet Y	BB-LVOC-1168	-450.0
C-29	Structural concrete	None	Min. 1.5-inch ISOGARD GL	I.S.O. Stick, Twin Jet, Twin Jet Y	Min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	I.S.O. Stick, Twin Jet, Twin Jet Y	BB-JBSA or BB-UPBA	-150.0

**NEMO EVALUATIONS REPORT**

Report No.: NER-AMZ-001.B.R4

Revision 4: 2026-06-09

Page 74 of 124

Amrize Building Envelope LLC (Elevate)

FL10264-R23



ISO/IEC 17065

PCA-145

**TABLE 11A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER**REFER TO [TABLE VB-1](#) FOR VAPOR BARRIER OPTIONS

System No.	Deck (4.1.2)	Primer	Base Insulation Layer		Top Insulation Layer		Roof Cover (3.1.4)	MDP (psf)
			Type	Attach (3.1.3)	Type	Attach (3.1.3)		
C-30	Structural concrete	None	Min. 1.5-inch ISOGARD GL	I.S.O. Stick, Twin Jet, Twin Jet Y	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	I.S.O. Stick, Twin Jet, Twin Jet Y	BB-LVOC-1168	-150.0
C-31	Structural concrete	None	Min. 1.5-inch ISOGARD GL	I.S.O. Stick, Twin Jet, Twin Jet Y	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	I.S.O. Stick, Twin Jet	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-150.0
C-32	Structural concrete	None	Min. two layers min. 1.5-inch ISOGARD GL	I.S.O. Stick, Twin Jet	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	I.S.O. Stick, Twin Jet	BB-LVOC-1168	-262.5
C-33	Structural concrete	None	Min. two layers min. 1.5-inch ISOGARD GL	I.S.O. Stick, Twin Jet	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	I.S.O. Stick, Twin Jet	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-262.5
C-34	Structural concrete	None	(Optional) One or more layers, min. 1.5-inch ISOGARD GL	I.S.O. Stick, Twin Jet, Twin Jet Y	Min. 0.5-inch Elevate ISOGARD HD	I.S.O. Stick, Twin Jet, Twin Jet Y	BB-JBSA	-172.5
C-35	Structural concrete	None	One or more layers, min. 1.5-inch ISOGARD GL	I.S.O. Stick, Twin Jet	Min. 0.5-inch Elevate ISOGARD HD	I.S.O. Stick, Twin Jet	BB-UPBA or BB-LVOC-1168	-300.0
C-36	Structural concrete	None	Min. 1.5-inch ISOGARD CG	I.S.O. Stick, Twin Jet, 6-inch o.c.	Min. 0.5-inch Elevate ISOGARD HD	I.S.O. Stick, Twin Jet, 6-inch o.c.	BB-LVOC, BB-LVOC-1168 or BB-UPBA	-360.0
C-37	Structural concrete	None	Min. 0.5-inch Elevate ISOGARD HD	I.S.O. Stick, Twin Jet	None	N/A	BB-UPBA or BB-LVOC-1168	-405.0
C-38	Structural concrete	None	Min. 0.5-inch Elevate ISOGARD HD	I.S.O. Stick, Twin Jet	None	N/A	BB-UPBA or BB-LVOC-1168	-405.0
C-39	Structural concrete	None	Min. 1.5-inch ISOGARD GL or ISOGARD CG	Twin Jet, 4-inch o.c.	(Optional) Additional layers of base insulation	Twin Jet, 4-inch o.c.	BB-JBSA or BB-UPBA	-337.5
C-40	Structural concrete	None	Min. 1.5-inch ISOGARD GL or ISOGARD CG	Twin Jet, 4-inch o.c.	<u>Additional Insulation:</u> (Optional) Additional layers of base insulation <u>Coverboard:</u> Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Twin Jet, 4-inch o.c.	BB-JBSA or BB-UPBA	-337.5
C-41	Structural concrete	None	Min. 1.5-inch ISOGARD GL or ISOGARD CG	Twin Jet, 4-inch o.c.	<u>Additional Insulation:</u> (Optional) Additional layers of base insulation <u>Coverboard:</u> Min. 7/16-inch DEXcell Cement Roof Board	Twin Jet, 4-inch o.c.	BB-UPBA	-337.5
C-42	Structural concrete	None	Min. 1.5-inch ISOGARD GL	Twin Jet Y (SPATTER)	(Optional) Additional layers of base insulation	Twin Jet Y (SPATTER)	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-45.0
C-43	Structural concrete	None	Min. 1.5-inch ISOGARD GL or ISOGARD CG	Twin Jet Y (SPATTER)	(Optional) Additional layers of base insulation	Twin Jet Y (SPATTER)	BB-JBSA, BB-LVOC-1168 or BB-UPBA	-45.0
C-44	Structural concrete	None	Min. 1.5-inch ISOGARD CG	Twin Jet Y (SPATTER)	(Optional) Additional layers of base insulation	Twin Jet Y (SPATTER)	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-45.0

**NEMO EVALUATIONS REPORT**

Report No.: NER-AMZ-001.B.R4

Revision 4: 2026-06-09

Page 75 of 124

Amrize Building Envelope LLC (Elevate)

FL10264-R23



ISO/IEC 17065

PCA-145

**TABLE 11A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER**REFER TO [TABLE VB-1](#) FOR VAPOR BARRIER OPTIONS

System No.	Deck (4.1.2)	Primer	Base Insulation Layer		Top Insulation Layer		Roof Cover (3.1.4)	MDP (psf)
			Type	Attach (3.1.3)	Type	Attach (3.1.3)		
C-45	Structural concrete	None	Min. 1-inch ISOGARD CG	Twin Jet Y (SPATTER)	Min. 1-inch ISOGARD CG	Twin Jet Y (SPATTER)	BB-LVOC-1168	-45.0
C-46	Structural concrete	None	Two layers min. 1.5-inch ISOGARD GL	Twin Jet Y (SPATTER)	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Twin Jet Y (SPATTER)	BB-JBSA or BB-UPBA	-45.0
C-47	Structural concrete	None	Min. 1.5-inch ISOGARD GL	Twin Jet Y (SPATTER)	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Twin Jet Y (SPATTER)	BB-JBSA, BB-LVOC-1168 or BB-UPBA	-45.0
C-48	Structural concrete	None	Min. 1.5-inch ISOGARD GL	Twin Jet Y (SPATTER)	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or 7/16-inch DEXcell Cement Roof Board	Twin Jet Y (SPATTER)	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-45.0
C-49	Structural concrete	None	Min. two layers min. 1.5-inch ISOGARD GL	Twin Jet Y (SPATTER)	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Twin Jet Y (SPATTER)	BB-LVOC-1168	-45.0
C-50	Structural concrete	None	(Optional) One or more layers, min. 1.5-inch ISOGARD GL	Twin Jet Y (SPATTER)	Min. 0.5-inch Elevate ISOGARD HD	Twin Jet Y (SPATTER)	BB-JBSA	-45.0
C-51	Structural concrete	None	One or more layers, min. 1.5-inch ISOGARD GL	Twin Jet Y (SPATTER)	Min. 0.5-inch Elevate ISOGARD HD	Twin Jet Y (SPATTER)	BB-UPBA or BB-LVOC-1168	-45.0
C-52	Structural concrete	None	Min. 0.5-inch Elevate ISOGARD HD	Twin Jet Y (SPATTER)	None	Twin Jet Y (SPATTER)	BB-UPBA, BB-LVOC or BB-LVOC-1168	-45.0
C-53	Structural concrete	None	Min. 1.5-inch ISOGARD CG	Twin Jet Y (SPATTER)	Min. 0.5-inch Elevate ISOGARD HD	Twin Jet Y (SPATTER)	BB-LVOC, BB-LVOC-1168 or BB-UPBA	-45.0
C-54	Structural concrete	None	Min. 1.5-inch ISOGARD GL or ISOGARD CG	Twin Jet Y (SPATTER)	<u>Additional Insulation:</u> (Optional) Additional layers of base insulation <u>Coverboard:</u> Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Twin Jet Y (SPATTER)	BB-JBSA or BB-UPBA	-45.0
C-55	Structural concrete	None	Min. 1.5-inch ISOGARD GL	Twin Jet Y	(Optional) Additional layers of base insulation	Twin Jet Y	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-165.0
C-56	Structural concrete	None	Min. 1.5-inch ISOGARD GL or ISOGARD CG	Twin Jet Y	(Optional) Additional layers of base insulation	Twin Jet Y	BB-JBSA, BB-LVOC-1168 or BB-UPBA	-217.5
C-57	Structural concrete	None	Min. 1.5-inch ISOGARD CG	Twin Jet Y	(Optional) Additional layers of base insulation	Twin Jet Y	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-217.5
C-58	Structural concrete	None	Min. 1-inch ISOGARD CG	Twin Jet Y	Min. 1-inch ISOGARD CG	Twin Jet Y	BB-LVOC-1168	-217.5
C-59	Structural concrete	None	Min. 1.5-inch ISOGARD GL	Twin Jet Y	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Twin Jet Y	BB-JBSA, BB-LVOC-1168 or BB-UPBA	-217.5
C-60	Structural concrete	None	Min. 1.5-inch ISOGARD GL	Twin Jet Y	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or 7/16-inch DEXcell Cement Roof Board	Twin Jet Y	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-217.5

TABLE 11A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER
REFER TO [TABLE VB-1](#) FOR VAPOR BARRIER OPTIONS

System No.	Deck (4.1.2)	Primer	Base Insulation Layer		Top Insulation Layer		Roof Cover (3.1.4)	MDP (psf)
			Type	Attach (3.1.3)	Type	Attach (3.1.3)		
C-61	Structural concrete	None	Min. two layers min. 1.5-inch ISOGARD GL	Twin Jet Y	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Twin Jet Y	BB-LVOC-1168	-217.5
C-62	Structural concrete	None	One or more layers, min. 1.5-inch ISOGARD GL	Twin Jet Y	Min. 0.5-inch Elevate ISOGARD HD	Twin Jet Y	BB-UPBA or BB-LVOC-1168	-217.5
C-63	Structural concrete	None	Min. 0.5-inch Elevate ISOGARD HD	Twin Jet Y	None	Twin Jet Y	BB-UPBA, BB-LVOC or BB-LVOC-1168	-217.5
C-64	Structural concrete	None	Min. 1.5-inch ISOGARD CG	Twin Jet Y	Min. 0.5-inch Elevate ISOGARD HD	Twin Jet Y	BB-LVOC, BB-LVOC-1168 or BB-UPBA	-217.5
C-65	Structural concrete	None	Min. 1.5-inch ISOGARD GL or ISOGARD CG	Twin Jet Y	<u>Additional Insulation:</u> (Optional) Additional layers of base insulation <u>Coverboard:</u> Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Twin Jet Y	BB-JBSA or BB-UPBA	-217.5
C-66	Structural concrete	None	Min. 1.5-inch ISOGARD GL or ISOGARD CG	Twin Jet Y	<u>Additional Insulation:</u> (Optional) Additional layers of base insulation <u>Coverboard:</u> Min. 7/16-inch DEXcell Cement Roof Board	Twin Jet Y	BB-UPBA	-217.5
ELEVATE ELEVATE ULTRAPLY TPO XR / HOT ASPHALT SYSTEMS:								
C-67	Structural concrete	(Optional) ASTM D41	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Hot Asphalt	None	N/A	XR-HA	-232.5
C-68	Structural concrete	(Optional) ASTM D41	Min. 1.5-inch ISOGARD GL	Hot asphalt	(Optional) Additional layers of base insulation	Hot asphalt	XR-HA	-300.0
C-69	Structural concrete	ASTM D41	Min. 1.5-inch ISOGARD GL	Hot Asphalt	None	N/A	XR-HA	-382.5
C-70	Structural concrete	None	Min. 1.5-inch ISOGARD GL	Hot Asphalt	None	N/A	XR-HA	-487.5
C-71	Structural concrete	(Optional) ASTM D41	Min. 1.5-inch ISOGARD GL	Hot Asphalt	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Hot Asphalt	XR-HA	-457.5
C-72	Structural concrete	(Optional) ASTM D41	Two layers min. 1.5-inch ISOGARD GL	Hot Asphalt	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Hot Asphalt	XR-HA	-300.0

**NEMO EVALUATIONS REPORT**

Report No.: NER-AMZ-001.B.R4

Revision 4: 2026-06-09

Page 77 of 124

Amrize Building Envelope LLC (Elevate)

FL10264-R23



ISO/IEC 17065

PCA-145

**TABLE 11A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER**REFER TO [TABLE VB-1](#) FOR VAPOR BARRIER OPTIONS

System No.	Deck (4.1.2)	Primer	Base Insulation Layer		Top Insulation Layer		Roof Cover (3.1.4)	MDP (psf)
			Type	Attach (3.1.3)	Type	Attach (3.1.3)		
C-73	Structural concrete	None	Min. 1-inch ISOGARD GL or ISOGARD CG	I.S.O. Spray R, I.S.O. Twin Pack	Optional additional layers of base insulation or min. 0.5-inch Tapered ISOGARD GL or ISOGARD CG followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	I.S.O. Spray R, I.S.O. Twin Pack	XR-HA	-390.0
C-74	Structural concrete	None	Min. 1-inch ISOGARD GL or ISOGARD CG	I.S.O. Stick, Twin Jet, Twin Jet Y	Optional additional layers of base insulation or min. 0.5-inch Tapered ISOGARD GL or ISOGARD CG followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	I.S.O. Stick, Twin Jet, Twin Jet Y	XR-HA	-187.5
C-75	Structural concrete	None	Min. 1.5-inch ISOGARD GL	Twin Jet Y (SPATTER)	None	Twin Jet Y (SPATTER)	XR-HA	-45.0
C-76	Structural concrete	None	Min. 1-inch ISOGARD GL or ISOGARD CG	Twin Jet Y (SPATTER)	Optional additional layers of base insulation or min. 0.5-inch Tapered ISOGARD GL or ISOGARD CG followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Twin Jet Y (SPATTER)	XR-HA	-45.0
C-77	Structural concrete	None	Min. 1.5-inch ISOGARD GL	Twin Jet Y	None	Twin Jet Y	XR-HA	-217.5
C-78	Structural concrete	None	Min. 1-inch ISOGARD GL or ISOGARD CG	Twin Jet Y	Optional additional layers of base insulation or min. 0.5-inch Tapered ISOGARD GL or ISOGARD CG followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Twin Jet Y	XR-HA	-217.5
ELEVATE ELEVATE ULTRAPLY TPO XR / JET BOND SPRAY ADHESIVE SYSTEMS:								
C-79	Structural concrete	None	Min. 1-inch ISOGARD GL or ISOGARD CG	I.S.O. Spray R, I.S.O. Twin Pack, I.S.O. Stick, Twin Jet, Twin Jet Y	(Optional) Additional layer of base insulation or min. 0.5-inch Tapered ISOGARD GL or ISOGARD CG	I.S.O. Spray R, I.S.O. Twin Pack, I.S.O. Stick, Twin Jet, Twin Jet Y	XR-JBSA	-172.5
C-80	Structural concrete	None	Min. 1-inch ISOGARD GL or ISOGARD CG	I.S.O. Spray R, I.S.O. Twin Pack, I.S.O. Stick, Twin Jet, Twin Jet Y	Optional additional layers of base insulation or min. 0.5-inch Tapered ISOGARD GL or ISOGARD CG followed by min. 0.5-inch Elevate ISOGARD HD	I.S.O. Spray R, I.S.O. Twin Pack, I.S.O. Stick, Twin Jet, Twin Jet Y	XR-JBSA	-172.5
C-81	Structural concrete	None	Min. 1-inch ISOGARD GL or ISOGARD CG	I.S.O. Spray R, I.S.O. Twin Pack, I.S.O. Stick, Twin Jet, Twin Jet Y	Optional additional layers of base insulation or min. 0.5-inch Tapered ISOGARD GL or ISOGARD CG followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	I.S.O. Spray R, I.S.O. Twin Pack, I.S.O. Stick, Twin Jet, Twin Jet Y	XR-JBSA	-172.5
C-82	Structural concrete	None	Min. 1-inch ISOGARD GL or ISOGARD CG	I.S.O. Spray R, I.S.O. Twin Pack, I.S.O. Stick, Twin Jet, Twin Jet Y	Optional additional layers of base insulation or min. 0.5-inch Tapered ISOGARD GL or ISOGARD CG followed by min. 19/32-inch plywood	I.S.O. Spray R, I.S.O. Twin Pack, I.S.O. Stick, Twin Jet	XR-JBSA	-45.0

**NEMO EVALUATIONS REPORT**

Report No.: NER-AMZ-001.B.R.4

Revision 4: 2026-06-09

Page 78 of 124

Amrize Building Envelope LLC (Elevate)

FL10264-R23



ISO/IEC 17065

PCA-145

**TABLE 11A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER**REFER TO [TABLE VB-1](#) FOR VAPOR BARRIER OPTIONS

System No.	Deck (4.1.2)	Primer	Base Insulation Layer		Top Insulation Layer		Roof Cover (3.1.4)	MDP (psf)
			Type	Attach (3.1.3)	Type	Attach (3.1.3)		
C-83	Structural concrete	None	Min. 1-inch Insulfoam 1 EPS or min. 2-inch Styrofoam Brand Roofmate or Highload 60	I.S.O. Spray R	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	I.S.O. Spray R	XR-JBSA	-112.5
C-84	Structural concrete	None	Min. 1.5-inch ISOGARD GL or ISOGARD CG	Twin Jet, 4-inch o.c.	(Optional) Additional layers of base insulation	Twin Jet, 4-inch o.c.	XR-JBSA	-292.5
C-85	Structural concrete	None	Min. 1.5-inch ISOGARD GL or ISOGARD CG	Twin Jet, 4-inch o.c.	<u>Additional Insulation:</u> (Optional) Additional layers of base insulation <u>Coverboard:</u> Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board, min. 7/16-inch DEXcell Cement Roof Board or min. 19/32-inch plywood or min. 0.5-inch Elevate ISOGARD HD	Twin Jet, 4-inch o.c.	XR-JBSA	-292.5
C-86	Structural concrete	None	Min. 1-inch ISOGARD GL or ISOGARD CG	Twin Jet Y (SPATTER)	(Optional) Additional layer of base insulation or min. 0.5-inch Tapered ISOGARD GL or ISOGARD CG	Twin Jet Y (SPATTER)	XR-JBSA	-45.0
C-87	Structural concrete	None	Min. 1-inch ISOGARD GL or ISOGARD CG	Twin Jet Y (SPATTER)	Optional additional layers of base insulation or min. 0.5-inch Tapered ISOGARD GL or ISOGARD CG followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch Elevate ISOGARD HD	Twin Jet Y (SPATTER)	XR-JBSA	-45.0
C-88	Structural concrete	None	Min. 1.5-inch ISOGARD GL or ISOGARD CG	Twin Jet Y (SPATTER)	<u>(Optional)</u> Additional layers of base insulation <u>Coverboard:</u> Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board, min. 7/16-inch DEXcell Cement Roof Board or min. 0.5-inch Elevate ISOGARD HD	Twin Jet Y (SPATTER)	XR-JBSA	-45.0
C-89	Structural concrete	None	Min. 1.5-inch ISOGARD GL or ISOGARD CG	Twin Jet Y	<u>(Optional)</u> Additional layers of base insulation <u>Coverboard:</u> Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board, min. 7/16-inch DEXcell Cement Roof Board or min. 0.5-inch Elevate ISOGARD HD	Twin Jet Y	XR-JBSA	-217.5
ELEVATE ELEVATE ULTRAPLY TPO XR / I.S.O. SPRAY R OR ELEVATE XR STICK MEMBRANE ADHESIVE SYSTEMS:								
C-90	Structural concrete	None	Min. 1-inch ISOGARD GL or ISOGARD CG	I.S.O. Spray R, I.S.O. Twin Pack, I.S.O. Stick, Twin Jet, Twin Jet Y	(Optional) Additional layer of base insulation or min. 0.5-inch Tapered ISOGARD GL or ISOGARD CG	I.S.O. Spray R, I.S.O. Twin Pack, I.S.O. Stick, Twin Jet, Twin Jet Y	XR-ISOSR (RIBBON, 6) or XR-XRSMA (RIBBON, 6)	-142.5

**NEMO EVALUATIONS REPORT**

Report No.: NER-AMZ-001.B.R4

Revision 4: 2026-06-09

Page 79 of 124

Amrize Building Envelope LLC (Elevate)

FL10264-R23



ISO/IEC 17065

PCA-145

**TABLE 11A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER**REFER TO [TABLE VB-1](#) FOR VAPOR BARRIER OPTIONS

System No.	Deck (4.1.2)	Primer	Base Insulation Layer		Top Insulation Layer		Roof Cover (3.1.4)	MDP (psf)
			Type	Attach (3.1.3)	Type	Attach (3.1.3)		
C-91	Structural concrete	None	Min. 1-inch ISOGARD GL or ISOGARD CG	I.S.O. Spray R, I.S.O. Twin Pack, I.S.O. Stick, Twin Jet, Twin Jet Y	(Optional) Additional layer of base insulation or min. 0.5-inch Tapered ISOGARD GL or ISOGARD CG	I.S.O. Spray R, I.S.O. Twin Pack, I.S.O. Stick, Twin Jet, Twin Jet Y	XR-ISOSR (RIBBON, 4) or XR-XRSMA (RIBBON, 4)	-172.5
C-92	Structural concrete	None	Min. 1-inch ISOGARD GL or ISOGARD CG	I.S.O. Spray R, I.S.O. Twin Pack, I.S.O. Stick, Twin Jet, Twin Jet Y	Optional additional layers of base insulation or min. 0.5-inch Tapered ISOGARD GL or ISOGARD CG followed by min. 0.5-inch Elevate ISOGARD HD	I.S.O. Spray R, I.S.O. Twin Pack, I.S.O. Stick, Twin Jet, Twin Jet Y	XR-ISOSR (RIBBON, 12) or XR-XRSMA (RIBBON, 12)	-45.0
C-93	Structural concrete	None	Min. 1-inch ISOGARD GL or ISOGARD CG	I.S.O. Spray R; I.S.O. Twin Pack; I.S.O. Stick; Twin Jet, Twin Jet Y	Optional additional layers of base insulation or min. 0.5-inch Tapered ISOGARD GL or ISOGARD CG followed by min. 0.5-inch Elevate ISOGARD HD	I.S.O. Spray R; I.S.O. Twin Pack; I.S.O. Stick; Twin Jet, Twin Jet Y	XR-ISOSR (RIBBON, 6) or XR-XRSMA (RIBBON, 6)	-82.5
C-94	Structural concrete	None	Min. 1-inch ISOGARD GL or ISOGARD CG	I.S.O. Spray R, I.S.O. Twin Pack, I.S.O. Stick, Twin Jet, Twin Jet Y	Optional additional layers of base insulation or min. 0.5-inch Tapered ISOGARD GL or ISOGARD CG followed by min. 0.5-inch Elevate ISOGARD HD	I.S.O. Spray R, I.S.O. Twin Pack, I.S.O. Stick, Twin Jet, Twin Jet Y	XR-ISOSR (RIBBON, 4) or XR-XRSMA (RIBBON, 4)	-172.5
C-95	Structural concrete	None	Min. 1-inch ISOGARD GL or ISOGARD CG	I.S.O. Spray R, I.S.O. Twin Pack, I.S.O. Stick, Twin Jet, Twin Jet Y	Optional additional layers of base insulation or min. 0.5-inch Tapered ISOGARD GL or ISOGARD CG followed by Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	I.S.O. Spray R, I.S.O. Twin Pack, I.S.O. Stick, Twin Jet	XR-ISOSR (RIBBON, 12) or XR-XRSMA (RIBBON, 12)	-45.0
C-96	Structural concrete	None	Min. 1-inch ISOGARD GL or ISOGARD CG	I.S.O. Spray R, I.S.O. Twin Pack, I.S.O. Stick, Twin Jet, Twin Jet Y	Optional additional layers of base insulation or min. 0.5-inch Tapered ISOGARD GL or ISOGARD CG followed by Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	I.S.O. Spray R, I.S.O. Twin Pack, I.S.O. Stick, Twin Jet	XR-ISOSR (RIBBON, 6) or XR-XRSMA (RIBBON, 6)	-60.0
C-97	Structural concrete	None	Min. 1-inch ISOGARD GL or ISOGARD CG	I.S.O. Spray R, I.S.O. Twin Pack, I.S.O. Stick, Twin Jet, Twin Jet Y	Optional additional layers of base insulation or min. 0.5-inch Tapered ISOGARD GL or ISOGARD CG followed by Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	I.S.O. Spray R, I.S.O. Twin Pack, I.S.O. Stick, Twin Jet	XR-ISOSR (RIBBON, 4) or XR-XRSMA (RIBBON, 4)	-172.5
C-98	Structural concrete	None	Min. 1-inch ISOGARD GL or ISOGARD CG	I.S.O. Spray R, I.S.O. Twin Pack, I.S.O. Stick, Twin Jet, Twin Jet Y	Optional additional layers of base insulation or min. 0.5-inch Tapered ISOGARD GL or ISOGARD CG followed by min. 19/32-inch plywood	I.S.O. Spray R, I.S.O. Twin Pack, I.S.O. Stick, Twin Jet	XR-ISOSR (RIBBON, 12) or XR-XRSMA (RIBBON, 12)	-45.0

**NEMO EVALUATIONS REPORT**

Report No.: NER-AMZ-001.B.R4

Revision 4: 2026-06-09

Page 80 of 124

Amrize Building Envelope LLC (Elevate)

FL10264-R23



ISO/IEC 17065

PCA-145

TABLE 11A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER
 REFER TO [TABLE VB-1](#) FOR VAPOR BARRIER OPTIONS

System No.	Deck (4.1.2)	Primer	Base Insulation Layer		Top Insulation Layer		Roof Cover (3.1.4)	MDP (psf)
			Type	Attach (3.1.3)	Type	Attach (3.1.3)		
C-99	Structural concrete	None	Min. 1-inch Insulfoam 1 EPS or min. 2-inch Styrofoam Brand Roofmate or Highload 60	I.S.O. Spray R	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	I.S.O. Spray R	XR-ISOSR (RIBBON, 4) or XR-XRSMA (RIBBON, 4)	-112.5
C-100	Structural concrete	None	(Optional) Min. 1-inch ISOGARD GL	I.S.O. Spray R	Min. 0.5-inch DensDeck Prime	I.S.O. Spray R	XR-ISOSR (RIBBON, 4) or XR-XRSMA (RIBBON, 4)	-360.0
C-101	Structural concrete	None	(Optional) Min. 1-inch ISOGARD GL	I.S.O. Spray R	Min. 7/16-inch DEXcell Cement Roof Board	I.S.O. Spray R	XR-XRSMA (RIBBON, 4)	-360.0
C-102	Structural concrete	None	Min. 1.5-inch ISOGARD GL or ISOGARD CG	Twin Jet, 4-inch o.c.	(Optional) Additional layers of base insulation	Twin Jet, 4-inch o.c.	XR-ISOSR (RIBBON, 4) or XR-XRSMA (RIBBON, 4)	-337.5
C-103	Structural concrete	None	Min. 1.5-inch ISOGARD GL or ISOGARD CG	Twin Jet, 4-inch o.c.	<u>Additional Insulation:</u> (Optional) Additional layers of base insulation <u>Coverboard:</u> Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board, min. 7/16-inch DEXcell Cement Roof Board or min. 19/32-inch plywood or min. 0.5-inch Elevate ISOGARD HD	Twin Jet, 4-inch o.c.	XR-ISOSR (RIBBON, 4) or XR-XRSMA (RIBBON, 4)	-337.5
C-104	Structural concrete	None	Min. 1-inch ISOGARD GL or ISOGARD CG	Twin Jet Y (SPATTER)	(Optional) Additional layer of base insulation or min. 0.5-inch Tapered ISOGARD GL or ISOGARD CG	Twin Jet Y (SPATTER)	XR-ISOSR (RIBBON, 6) or XR-XRSMA (RIBBON, 6)	-45.0
C-105	Structural concrete	None	Min. 1-inch ISOGARD GL or ISOGARD CG	Twin Jet Y (SPATTER)	(Optional) Additional layer of base insulation or min. 0.5-inch Tapered ISOGARD GL or ISOGARD CG	Twin Jet Y (SPATTER)	XR-ISOSR (RIBBON, 4) or XR-XRSMA (RIBBON, 4)	-45.0
C-106	Structural concrete	None	Min. 1-inch ISOGARD GL or ISOGARD CG	Twin Jet Y (SPATTER)	Optional additional layers of base insulation or min. 0.5-inch Tapered ISOGARD GL or ISOGARD CG followed by min. 0.5-inch Elevate ISOGARD HD	Twin Jet Y (SPATTER)	XR-ISOSR (RIBBON, 12) or XR-XRSMA (RIBBON, 12)	-45.0
C-107	Structural concrete	None	Min. 1-inch ISOGARD GL or ISOGARD CG	Twin Jet Y (SPATTER)	Optional additional layers of base insulation or min. 0.5-inch Tapered ISOGARD GL or ISOGARD CG followed by min. 0.5-inch Elevate ISOGARD HD	Twin Jet Y (SPATTER)	XR-ISOSR (RIBBON, 6) or XR-XRSMA (RIBBON, 6)	-45.0
C-108	Structural concrete	None	Min. 1-inch ISOGARD GL or ISOGARD CG	Twin Jet Y (SPATTER)	Optional additional layers of base insulation or min. 0.5-inch Tapered ISOGARD GL or ISOGARD CG followed by min. 0.5-inch Elevate ISOGARD HD	Twin Jet Y (SPATTER)	XR-ISOSR (RIBBON, 4) or XR-XRSMA (RIBBON, 4)	-45.0
C-109	Structural concrete	None	Min. 1-inch ISOGARD GL or ISOGARD CG	Twin Jet Y (SPATTER)	Optional additional layers of base insulation or min. 0.5-inch Tapered ISOGARD GL or ISOGARD CG followed by Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or 7/16-inch DEXcell Cement Roof Board	Twin Jet Y (SPATTER)	XR-ISOSR (RIBBON, 6) or XR-XRSMA (RIBBON, 6)	-45.0

**NEMO EVALUATIONS REPORT**

Report No.: NER-AMZ-001.B.R4

Revision 4: 2026-06-09

Page 81 of 124

Amrize Building Envelope LLC (Elevate)

FL10264-R23



ISO/IEC 17065

PCA-145

**TABLE 11A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER**REFER TO [TABLE VB-1](#) FOR VAPOR BARRIER OPTIONS

System No.	Deck (4.1.2)	Primer	Base Insulation Layer		Top Insulation Layer		Roof Cover (3.1.4)	MDP (psf)
			Type	Attach (3.1.3)	Type	Attach (3.1.3)		
C-110	Structural concrete	None	Min. 1-inch ISOGARD GL or ISOGARD CG	Twin Jet Y (SPATTER)	Optional additional layers of base insulation or min. 0.5-inch Tapered ISOGARD GL or ISOGARD CG followed by Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or 7/16-inch DEXcell Cement Roof Board	Twin Jet Y (SPATTER)	XR-ISOSR (RIBBON, 4) or XR-XRSMA (RIBBON, 4)	-45.0
C-111	Structural concrete	None	(Optional) Min. 1-inch ISOGARD GL	Twin Jet Y (SPATTER)	Min. 0.5-inch DensDeck Prime	Twin Jet Y (SPATTER)	XR-ISOSR (RIBBON, 4) or XR-XRSMA (RIBBON, 4)	-45.0
C-112	Structural concrete	None	Min. 1.5-inch ISOGARD GL or ISOGARD CG	Twin Jet Y (SPATTER)	(Optional) Additional layers of base insulation	Twin Jet Y (SPATTER)	XR-ISOSR (RIBBON, 4) or XR-XRSMA (RIBBON, 4)	-45.0
C-113	Structural concrete	None	Min. 1.5-inch ISOGARD GL or ISOGARD CG	Twin Jet Y (SPATTER)	<u>Additional Insulation:</u> (Optional) Additional layers of base insulation <u>Coverboard:</u> Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board, min. 7/16-inch DEXcell Cement Roof Board or min. 0.5-inch Elevate ISOGARD HD	Twin Jet Y (SPATTER)	XR-ISOSR (RIBBON, 4) or XR-XRSMA (RIBBON, 4)	-45.0
C-114	Structural concrete	None	Min. 1-inch ISOGARD GL or ISOGARD CG	Twin Jet Y	Optional additional layers of base insulation or min. 0.5-inch Tapered ISOGARD GL or ISOGARD CG followed by min. 0.5-inch Elevate ISOGARD HD	Twin Jet Y	XR-ISOSR (RIBBON, 12) or XR-XRSMA (RIBBON, 12)	-45.0
C-115	Structural concrete	None	(Optional) Min. 1-inch ISOGARD GL	Twin Jet Y	Min. 0.5-inch DensDeck Prime	Twin Jet Y	XR-ISOSR (RIBBON, 4) or XR-XRSMA (RIBBON, 4)	-217.5
C-116	Structural concrete	None	(Optional) Min. 1-inch ISOGARD GL	Twin Jet Y	Min. 7/16-inch DEXcell Cement Roof Board	Twin Jet Y	XR-XRSMA (RIBBON, 4)	-217.5
C-117	Structural concrete	None	Min. 1.5-inch ISOGARD GL or ISOGARD CG	Twin Jet Y	(Optional) Additional layers of base insulation	Twin Jet Y	XR-ISOSR (RIBBON, 4) or XR-XRSMA (RIBBON, 4)	-217.5
C-118	Structural concrete	None	Min. 1.5-inch ISOGARD GL or ISOGARD CG	Twin Jet Y	<u>Additional Insulation:</u> (Optional) Additional layers of base insulation <u>Coverboard:</u> Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board, or min. 0.5-inch Elevate ISOGARD HD	Twin Jet Y	XR-ISOSR (RIBBON, 4) or XR-XRSMA (RIBBON, 4)	-217.5
ELEVATE ELEVATE ULTRAPLY TPO XR / TWIN JET SYSTEMS:								
C-119	Structural concrete	None	Min. 1-inch ISOGARD GL	I.S.O. Spray R, I.S.O. Twin Pack, I.S.O. Stick, Twin Jet, Twin Jet Y	(Optional) Additional layer of base insulation or min. 0.5-inch Tapered ISOGARD GL	I.S.O. Spray R, I.S.O. Twin Pack, I.S.O. Stick, Twin Jet, Twin Jet Y	XR-TJ or XR-TJY (RIBBON, 6)	-127.5

**NEMO EVALUATIONS REPORT**

Report No.: NER-AMZ-001.B.R4

Revision 4: 2026-06-09

Page 82 of 124

Amrize Building Envelope LLC (Elevate)

FL10264-R23



ISO/IEC 17065

PCA-145

**TABLE 11A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER**REFER TO [TABLE VB-1](#) FOR VAPOR BARRIER OPTIONS

System No.	Deck (4.1.2)	Primer	Base Insulation Layer		Top Insulation Layer		Roof Cover (3.1.4)	MDP (psf)
			Type	Attach (3.1.3)	Type	Attach (3.1.3)		
C-120	Structural concrete	None	Min. 1-inch ISOGARD CG	I.S.O. Spray R, I.S.O. Twin Pack, I.S.O. Stick, Twin Jet, Twin Jet Y	(Optional) Additional layer of base insulation or min. 0.5-inch Tapered ISOGARD CG	I.S.O. Spray R, I.S.O. Twin Pack, I.S.O. Stick, Twin Jet, Twin Jet Y	XR-TJ (RIBBON, 6)	-142.5
C-121	Structural concrete	None	Min. 1-inch ISOGARD GL or ISOGARD CG	I.S.O. Spray R, I.S.O. Twin Pack, I.S.O. Stick, Twin Jet, Twin Jet Y	(Optional) Additional layer of base insulation or min. 0.5-inch Tapered ISOGARD GL or ISOGARD CG	I.S.O. Spray R, I.S.O. Twin Pack, I.S.O. Stick, Twin Jet, Twin Jet Y	XR-TJ or XR-TJY (RIBBON, 4 or SPATTER)	-172.5
C-122	Structural concrete	None	Min. 1-inch ISOGARD GL, ISOGARD CG or min. 0.5-inch Elevate ISOGARD HD	I.S.O. Spray R, I.S.O. Twin Pack, I.S.O. Stick, Twin Jet, 6-inch o.c.	None	N/A	XR-TJ (RIBBON, 4 or SPATTER)	-412.5
C-123	Structural concrete	None	Min. 1-inch ISOGARD GL or ISOGARD CG	I.S.O. Spray R, I.S.O. Twin Pack, I.S.O. Stick, Twin Jet, Twin Jet Y	Optional additional layers of base insulation or min. 0.5-inch Tapered ISOGARD GL or ISOGARD CG followed by min. 0.5-inch Elevate ISOGARD HD	I.S.O. Spray R, I.S.O. Twin Pack, I.S.O. Stick, Twin Jet, Twin Jet Y	XR-TJ or XR-TJY (RIBBON, 6)	-82.5
C-124	Structural concrete	None	Min. 1-inch ISOGARD GL or ISOGARD CG	I.S.O. Spray R, I.S.O. Twin Pack, I.S.O. Stick, Twin Jet, Twin Jet Y	Optional additional layers of base insulation or min. 0.5-inch Tapered ISOGARD GL or ISOGARD CG followed by min. 0.5-inch Elevate ISOGARD HD	I.S.O. Spray R, I.S.O. Twin Pack, I.S.O. Stick, Twin Jet, Twin Jet Y	XR-TJ or XR-TJY (RIBBON, 4 or SPATTER)	-172.5
C-125	Structural concrete	None	Min. 1-inch ISOGARD GL or ISOGARD CG	I.S.O. Spray R, I.S.O. Twin Pack, I.S.O. Stick, Twin Jet, Twin Jet Y	Optional additional layers of base insulation or min. 0.5-inch Tapered ISOGARD GL or ISOGARD CG followed by Min. 0.25-inch DensDeck Prime	I.S.O. Spray R, I.S.O. Twin Pack, I.S.O. Stick, Twin Jet, Twin Jet Y	XR-TJ or XR-TJY (RIBBON, 6)	-60.0
C-126	Structural concrete	None	Min. 1-inch ISOGARD GL or ISOGARD CG	I.S.O. Spray R, I.S.O. Twin Pack, I.S.O. Stick, Twin Jet, Twin Jet Y	Optional additional layers of base insulation or min. 0.5-inch Tapered ISOGARD GL or ISOGARD CG followed by Min. 0.25-inch DensDeck Prime	I.S.O. Spray R, I.S.O. Twin Pack, I.S.O. Stick, Twin Jet, Twin Jet Y	XR-TJ or XR-TJY (RIBBON, 4 or SPATTER)	-172.5
C-127	Structural concrete	None	Min. 1-inch ISOGARD GL or ISOGARD CG	I.S.O. Spray R, I.S.O. Twin Pack, I.S.O. Stick, Twin Jet, Twin Jet Y	Optional additional layers of base insulation or min. 0.5-inch Tapered ISOGARD GL or ISOGARD CG followed by Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	I.S.O. Spray R, I.S.O. Twin Pack, I.S.O. Stick, Twin Jet, Twin Jet Y	XR-TJ or XR-TJY (RIBBON, 12)	-45.0
C-128	Structural concrete	None	Min. 1-inch ISOGARD GL or ISOGARD CG	I.S.O. Spray R, I.S.O. Twin Pack, I.S.O. Stick, Twin Jet, Twin Jet Y	Optional additional layers of base insulation or min. 0.5-inch Tapered ISOGARD GL or ISOGARD CG followed by Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	I.S.O. Spray R, I.S.O. Twin Pack, I.S.O. Stick, Twin Jet, Twin Jet Y	XR-TJ or XR-TJY (RIBBON, 6)	-60.0

TABLE 11A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER
REFER TO [TABLE VB-1](#) FOR VAPOR BARRIER OPTIONS

System No.	Deck (4.1.2)	Primer	Base Insulation Layer		Top Insulation Layer		Roof Cover (3.1.4)	MDP (psf)
			Type	Attach (3.1.3)	Type	Attach (3.1.3)		
C-129	Structural concrete	None	Min. 1-inch ISOGARD GL or ISOGARD CG	I.S.O. Spray R, I.S.O. Twin Pack, I.S.O. Stick, Twin Jet, Twin Jet Y	Optional additional layers of base insulation or min. 0.5-inch Tapered ISOGARD GL or ISOGARD CG followed by Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	I.S.O. Spray R, I.S.O. Twin Pack, I.S.O. Stick, Twin Jet, Twin Jet Y	XR-TJ or XR-TJY (RIBBON, 4 or SPATTER)	-172.5
C-130	Structural concrete	None	Min. 1-inch ISOGARD GL or ISOGARD CG	I.S.O. Spray R, I.S.O. Twin Pack, I.S.O. Stick, Twin Jet, Twin Jet Y	Optional additional layers of base insulation or min. 0.5-inch Tapered ISOGARD GL or ISOGARD CG followed by min. 19/32-inch plywood	I.S.O. Spray R, I.S.O. Twin Pack, I.S.O. Stick, Twin Jet	XR-TJ or XR-TJY (RIBBON, 6 or SPATTER)	-45.0
C-131	Structural concrete	None	Min. 1-inch Insulfoam 1 EPS or min. 2-inch Styrofoam Brand Roofmate or Highload 60	I.S.O. Spray R	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	I.S.O. Spray R	XR-TJ or XR-TJY (RIBBON, 4 or SPATTER)	-112.5
C-132	Structural concrete	None	Min. 1.5-inch ISOGARD CG	Twin Jet, 4-inch o.c.	(Optional) Additional layers of base insulation	Twin Jet, 4-inch o.c.	XR-TJ or XR-TJY (RIBBON, 4 or SPATTER)	-337.5
C-133	Structural concrete	None	Min. 1.5-inch ISOGARD GL or ISOGARD CG	Twin Jet, 4-inch o.c.	<u>Additional Insulation:</u> (Optional) Additional layers of base insulation <u>Coverboard:</u> Min. 0.25-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board or min. 19/32-inch plywood	Twin Jet, 4-inch o.c.	XR-TJ or XR-TJY (RIBBON, 4 or SPATTER)	-247.5
C-134	Structural concrete	None	Min. 1.5-inch ISOGARD GL or ISOGARD CG	Twin Jet, 4-inch o.c.	<u>Additional Insulation:</u> (Optional) Additional layers of base insulation <u>Coverboard:</u> Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	Twin Jet, 4-inch o.c.	XR-TJ or XR-TJY (RIBBON, 4 or SPATTER)	-337.5
C-135	Structural concrete	None	Min. 1.5-inch ISOGARD GL	Twin Jet Y, 4-inch o.c.	(Optional) Additional layers of base insulation	Twin Jet Y, 4-inch o.c.	XR-TJY or XR-TJY (RIBBON, 4)	-397.5
C-136	Structural concrete	None	Min. 1.5-inch ISOGARD GL	Twin Jet Y, 4-inch o.c.	(Optional) Additional layers of base insulation	Twin Jet Y, 4-inch o.c.	XR-TJY or XR-TJY (SPATTER)	-495.0
C-137	Structural concrete	None	Min. 1-inch ISOGARD GL or ISOGARD CG	Twin Jet Y (SPATTER)	(Optional) Additional layer of base insulation or min. 0.5-inch Tapered ISOGARD GL or Tapered ISOGARD CG	Twin Jet Y (SPATTER)	XR-TJ or XR-TJY (RIBBON, 6, 4 or SPATTER)	-45.0
C-138	Structural concrete	None	Min. 1-inch ISOGARD GL, ISOGARD CG or min. 0.5-inch Elevate ISOGARD HD	Twin Jet Y (SPATTER)	None	Twin Jet Y (SPATTER)	XR-TJ or XR-TJY (RIBBON, 4 or SPATTER)	-45.0

TABLE 11A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER
REFER TO [TABLE VB-1](#) FOR VAPOR BARRIER OPTIONS

System No.	Deck (4.1.2)	Primer	Base Insulation Layer		Top Insulation Layer		Roof Cover (3.1.4)	MDP (psf)
			Type	Attach (3.1.3)	Type	Attach (3.1.3)		
C-139	Structural concrete	None	Min. 1-inch ISOGARD GL or ISOGARD CG	Twin Jet Y (SPATTER)	Optional additional layers of base insulation or min. 0.5-inch Tapered ISOGARD GL or ISOGARD CG followed by min. 0.5-inch Elevate ISOGARD HD	Twin Jet Y (SPATTER)	XR-TJ or XR-TJY (RIBBON, 6, 4 or SPATTER)	-45.0
C-140	Structural concrete	None	Min. 1-inch ISOGARD GL or ISOGARD CG	Twin Jet Y (SPATTER)	Optional additional layers of base insulation or min. 0.5-inch Tapered ISOGARD GL or ISOGARD CG followed by Min. 0.25-inch DensDeck Prime	Twin Jet Y (SPATTER)	XR-TJ or XR-TJY (RIBBON, 6, 4 or SPATTER)	-45.0
C-141	Structural concrete	None	Min. 1-inch ISOGARD GL or ISOGARD CG	Twin Jet Y (SPATTER)	Optional additional layers of base insulation or min. 0.5-inch Tapered ISOGARD GL or ISOGARD CG followed by Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	Twin Jet Y (SPATTER)	XR-TJ or XR-TJY (RIBBON, 12, 6, 4 or SPATTER)	-45.0
C-142	Structural concrete	None	Min. 1.5-inch ISOGARD CG	Twin Jet Y (SPATTER)	(Optional) Additional layers of base insulation	Twin Jet Y (SPATTER)	XR-TJ or XR-TJY (RIBBON, 4 or SPATTER)	-45.0
C-143	Structural concrete	None	Min. 1.5-inch ISOGARD GL or ISOGARD CG	Twin Jet Y (SPATTER)	<u>Additional Insulation:</u> (Optional) Additional layers of base insulation <u>Coverboard:</u> Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	Twin Jet Y (SPATTER)	XR-TJ or XR-TJY (RIBBON, 4 or SPATTER)	-45.0
C-144	Structural concrete	None	Min. 1-inch ISOGARD GL, ISOGARD CG or min. 0.5-inch Elevate ISOGARD HD	Twin Jet Y	None	N/A	XR-TJ or XR-TJY (RIBBON, 4 or SPATTER)	-217.5
C-145	Structural concrete	None	Min. 1.5-inch ISOGARD CG	Twin Jet Y	(Optional) Additional layers of base insulation	Twin Jet Y	XR-TJ or XR-TJY (RIBBON, 4 or SPATTER)	-217.5
C-146	Structural concrete	None	Min. 1.5-inch ISOGARD GL or ISOGARD CG	Twin Jet Y	<u>Additional Insulation:</u> (Optional) Additional layers of base insulation <u>Coverboard:</u> Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	Twin Jet Y	XR-TJ or XR-TJY (RIBBON, 4 or SPATTER)	-217.5
C-147	Structural concrete	None	Min. 1-inch ISOGARD CG	I.S.O. Spray R, I.S.O. Twin Pack, I.S.O. Stick, Twin Jet, Twin Jet Y	(Optional) Additional layer of base insulation or min. 0.5-inch Tapered ISOGARD CG	I.S.O. Spray R; I.S.O. Twin Pack; I.S.O. Stick; Twin Jet, Twin Jet Y	XR-TJY (RIBBON, 6)	-127.5
C-148	Structural concrete	None	Min. 1-inch ISOGARD GL, ISOGARD CG or min. 0.5-inch Elevate ISOGARD HD	I.S.O. Spray R, I.S.O. Twin Pack, I.S.O. Stick, Twin Jet, 6-inch o.c.	None	N/A	XR-TJY (RIBBON, 4)	-397.5

**NEMO EVALUATIONS REPORT**

Report No.: NER-AMZ-001.B.R4

Revision 4: 2026-06-09

Page 85 of 124

Amrize Building Envelope LLC (Elevate)

FL10264-R23



ISO/IEC 17065

PCA-145

**TABLE 11A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER**REFER TO [TABLE VB-1](#) FOR VAPOR BARRIER OPTIONS

System No.	Deck (4.1.2)	Primer	Base Insulation Layer		Top Insulation Layer		Roof Cover (3.1.4)	MDP (psf)
			Type	Attach (3.1.3)	Type	Attach (3.1.3)		
C-149	Structural concrete	None	Min. 1-inch ISOGARD GL, ISOGARD CG or min. 0.5-inch Elevate ISOGARD HD	I.S.O. Spray R, I.S.O. Twin Pack, I.S.O. Stick, Twin Jet, 6-inch o.c.	None	N/A	XR-TJY (SPATTER)	-412.5
ELEVATE ELEVATE ULTRAPLY TPO XR / ELEVATE XR BONDING ADHESIVE SYSTEMS:								
C-150	Structural concrete	ASTM D41	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Hot Asphalt	None	N/A	XR-XRBA	-232.5
C-151	Structural concrete	ASTM D41	One or two layers min. 1.5-inch ISOGARD GL	Hot Asphalt	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Hot Asphalt	XR-XRBA	-300.0
C-152	Structural concrete	None	Min. 1-inch ISOGARD GL or ISOGARD CG	I.S.O. Spray R, I.S.O. Twin Pack, I.S.O. Stick, Twin Jet, Twin Jet Y	(Optional) Additional layer of base insulation or min. 0.5-inch Tapered ISOGARD GL or ISOGARD CG	I.S.O. Spray R, I.S.O. Twin Pack, I.S.O. Stick, Twin Jet, Twin Jet Y	XR-XRBA	-112.5
C-153	Structural concrete	None	Min. 1-inch ISOGARD GL or ISOGARD CG	I.S.O. Spray R, I.S.O. Twin Pack, I.S.O. Stick, Twin Jet	Optional additional layers of base insulation or min. 0.5-inch Tapered ISOGARD GL or ISOGARD CG followed by min. 0.5-inch Elevate ISOGARD HD	I.S.O. Spray R, I.S.O. Twin Pack, I.S.O. Stick, Twin Jet	XR-XRBA	-390.0
C-154	Structural concrete	None	Min. 1-inch ISOGARD GL or ISOGARD CG	I.S.O. Spray R, I.S.O. Twin Pack	Optional additional layers of base insulation or min. 0.5-inch Tapered ISOGARD GL or ISOGARD CG followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	I.S.O. Spray R, I.S.O. Twin Pack	XR-XRBA	-300.0
C-155	Structural concrete	None	Min. 1-inch ISOGARD GL or ISOGARD CG	I.S.O. Stick, Twin Jet, Twin Jet Y	Optional additional layers of base insulation or min. 0.5-inch Tapered ISOGARD GL or ISOGARD CG followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	I.S.O. Stick, or Twin Jet, Twin Jet Y	XR-XRBA	-187.5
C-156	Structural concrete	None	Min. 1-inch ISOGARD GL or ISOGARD CG	Twin Jet Y (SPATTER)	Optional additional layers of base insulation or min. 0.5-inch Tapered ISOGARD GL or ISOGARD CG followed by min. 0.5-inch Elevate ISOGARD HD	Twin Jet Y (SPATTER)	XR-XRBA	-45.0
C-157	Structural concrete	None	Min. 1-inch ISOGARD GL or ISOGARD CG	Twin Jet Y	Optional additional layers of base insulation or min. 0.5-inch Tapered ISOGARD GL or ISOGARD CG followed by min. 0.5-inch Elevate ISOGARD HD	Twin Jet Y	XR-XRBA	-390.0
ELEVATE ULTRAPLY TPO SA SYSTEMS:								
C-158	Structural concrete	ASTM D41	Min. 1.5-inch ISOGARD GL or ISOGARD CG	Hot Asphalt	(Optional) Tapered ISOGARD GL	Hot asphalt	SA	-180.0

**NEMO EVALUATIONS REPORT**

Report No.: NER-AMZ-001.B.R4

Revision 4: 2026-06-09

Page 86 of 124

Amrize Building Envelope LLC (Elevate)

FL10264-R23



ISO/IEC 17065

PCA-145

**TABLE 11A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER**REFER TO [TABLE VB-1](#) FOR VAPOR BARRIER OPTIONS

System No.	Deck (4.1.2)	Primer	Base Insulation Layer		Top Insulation Layer		Roof Cover (3.1.4)	MDP (psf)
			Type	Attach (3.1.3)	Type	Attach (3.1.3)		
C-159	Structural concrete	ASTM D41	Min. 1.5-inch ISOGARD GL with optional Tapered ISOGARD GL	Hot Asphalt	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Hot Asphalt	SA	-195.0
C-160	Structural concrete	None	Min. 1.5-inch ISOGARD GL or ISOGARD CG	I.S.O. Spray R, I.S.O. Twin Pack	(Optional) Additional layers of base insulation	I.S.O. Spray R, I.S.O. Twin Pack	SA	-165.0
C-161	Structural concrete	None	Min. 1.5-inch ISOGARD GL or ISOGARD CG	I.S.O. Spray R, I.S.O. Twin Pack, 8-inch o.c.	(Optional) Additional layers of base insulation	I.S.O. Spray R, I.S.O. Twin Pack, 8-inch o.c.	SA	-240.0
C-162	Structural concrete	None	Min. 1.5-inch ISOGARD GL	I.S.O. Spray R, I.S.O. Twin Pack, 4-inch o.c.	(Optional) Additional layers of base insulation	I.S.O. Spray R, I.S.O. Twin Pack, 4-inch o.c.	SA	-285.0
C-163	Structural concrete	None	Min. 1.5-inch ISOGARD CG	I.S.O. Spray R, I.S.O. Twin Pack, 6-inch o.c.	(Optional) Additional layers of base insulation	I.S.O. Spray R, I.S.O. Twin Pack, 6-inch o.c.	SA	-360.0
C-164	Structural concrete	None	Min. 1.5-inch ISOGARD GL	I.S.O. Spray R, I.S.O. Twin Pack	Min. 0.25-inch DensDeck Prime	I.S.O. Spray R, I.S.O. Twin Pack	SA	-127.5
C-165	Structural concrete	None	Min. 1.5-inch ISOGARD GL	I.S.O. Spray R, I.S.O. Twin Pack	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	I.S.O. Spray R, I.S.O. Twin Pack	SA	-157.5
C-166	Structural concrete	None	Min. 1.5-inch ISOGARD GL	I.S.O. Spray R, I.S.O. Twin Pack, 8-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	I.S.O. Spray R, I.S.O. Twin Pack, 8-inch o.c.	SA	-187.5
C-167	Structural concrete	None	Two layers min. 1.5-inch ISOGARD GL	I.S.O. Spray R, I.S.O. Twin Pack, 8-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	I.S.O. Spray R, I.S.O. Twin Pack, 8-inch o.c.	SA	-195.0
C-168	Structural concrete	None	Min. 1.5-inch ISOGARD GL	I.S.O. Spray R, I.S.O. Twin Pack, 4-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	I.S.O. Spray R, I.S.O. Twin Pack, 4-inch o.c.	SA	-247.5
C-169	Structural concrete	None	One or more layers, min. 1.5-inch ISOGARD GL	I.S.O. Spray R, I.S.O. Twin Pack	Min. 0.5-inch Elevate ISOGARD HD	I.S.O. Spray R, I.S.O. Twin Pack	SA	-247.5
C-170	Structural concrete	None	Min. 0.5-inch Elevate ISOGARD HD	I.S.O. Spray R, I.S.O. Twin Pack	None	N/A	SA	-300.0
C-171	Structural concrete	None	Min. 1.5-inch ISOGARD GL	Twin Jet Y	(Optional) Additional layers base insulation	Twin Jet Y	SA	-270.0

**NEMO EVALUATIONS REPORT**

Report No.: NER-AMZ-001.B.R4

Revision 4: 2026-06-09

Page 87 of 124

Amrize Building Envelope LLC (Elevate)

FL10264-R23



ISO/IEC 17065

PCA-145

TABLE 11A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER
 REFER TO [TABLE VB-1](#) FOR VAPOR BARRIER OPTIONS

System No.	Deck (4.1.2)	Primer	Base Insulation Layer		Top Insulation Layer		Roof Cover (3.1.4)	MDP (psf)
			Type	Attach (3.1.3)	Type	Attach (3.1.3)		
C-172	Structural concrete	None	Min. 1.5-inch ISOGARD GL	Twin Jet Y	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Twin Jet Y	SA	-240.0
C-173	Structural concrete	None	Min. 1.5-inch ISOGARD GL or ISOGARD CG	I.S.O. Stick, Twin Jet, Twin Jet Y	(Optional) Additional layers of base insulation	I.S.O. Stick, Twin Jet, Twin Jet Y	SA	-150.0
C-174	Structural concrete	None	Min. 1.5-inch ISOGARD CG	I.S.O. Stick, Twin Jet, 6-inch o.c.	(Optional) Additional layers of base insulation	I.S.O. Stick, Twin Jet, 6-inch o.c.	SA	-360.0
C-175	Structural concrete	None	Min. 1.5-inch ISOGARD GL	I.S.O. Stick, Twin Jet, Twin Jet Y	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	I.S.O. Stick, Twin Jet, Twin Jet Y	SA	-150.0
C-176	Structural concrete	None	One or more layers, min. 1.5-inch ISOGARD GL	I.S.O. Stick, Twin Jet	Min. 0.5-inch Elevate ISOGARD HD	I.S.O. Stick, Twin Jet	SA	-300.0
C-177	Structural concrete	None	Min. 1.5-inch ISOGARD CG	I.S.O. Stick, Twin Jet, 6-inch o.c.	Min. 0.5-inch Elevate ISOGARD HD	I.S.O. Stick, Twin Jet, 6-inch o.c.	SA	-360.0
C-178	Structural concrete	None	Min. 0.5-inch Elevate ISOGARD HD	I.S.O. Stick, Twin Jet	None	N/A	SA	-405.0
C-179	Structural concrete	None	Min. 1.5-inch ISOGARD GL or CG	Twin Jet Y (SPATTER)	(Optional) Additional layers of base insulation	Twin Jet Y (SPATTER)	SA	-45.0
C-180	Structural concrete	None	Min. 1.5-inch ISOGARD GL	Twin Jet Y (SPATTER)	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch Elevate ISOGARD HD	Twin Jet Y (SPATTER)	SA	-45.0
C-181	Structural concrete	None	Min. 1.5-inch ISOGARD CG	Twin Jet Y (SPATTER)	Min. 0.5-inch Elevate ISOGARD HD	Twin Jet Y (SPATTER)	SA	-45.0
C-182	Structural concrete	None	Min. 1.5-inch ISOGARD GL or CG	Twin Jet Y	(Optional) Additional layers of base insulation	Twin Jet Y	SA	-217.5
C-183	Structural concrete	None	Min. 1.5-inch ISOGARD GL	Twin Jet Y	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch Elevate ISOGARD HD	Twin Jet Y	SA	-217.5
C-184	Structural concrete	None	Min. 1.5-inch ISOGARD CG	Twin Jet Y	Min. 0.5-inch Elevate ISOGARD HD	Twin Jet Y	SA	-217.5

**NEMO EVALUATIONS REPORT**

Report No.: NER-AMZ-001.B.R4

Revision 4: 2026-06-09

Page 88 of 124

Amrize Building Envelope LLC (Elevate)

FL10264-R23



ISO/IEC 17065

PCA-145

**TABLE 11A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER**REFER TO [TABLE VB-1](#) FOR VAPOR BARRIER OPTIONS

System No.	Deck (4.1.2)	Primer	Base Insulation Layer		Top Insulation Layer		Roof Cover (3.1.4)	MDP (psf)
			Type	Attach (3.1.3)	Type	Attach (3.1.3)		
C-185	Structural concrete	None	Min. 0.5-inch Elevate ISOGARD HD	Twin Jet Y	None	Twin Jet Y	SA	-217.5

**TABLE 11B: STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-2: BONDED VAPOR/AIR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER**

SYSTEM No.	Deck (4.1.2)	Vapor or Air Barrier	Base Insulation Layer		Top Insulation Layer(s)		Roof Cover (3.1.4)	MDP (psf)
			Type	Attach (3.1.3)	Type	Attach (3.1.3)		
ELEVATE ULTRAPLY TPO SYSTEMS:								
C-186	Structural concrete	V-Force P or V-Force FR, self-adhering	Min. 2.0-inch ACFoam-II	Polyset Board Max (SPATTER)	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Polyset Board Max (SPATTER)	BB-UPBA	-67.5
C-187	Structural concrete	V-Force P or V-Force FR, self-adhering	Min. 2.0-inch ACFoam-II	I.S.O. Twin Pack, 6-inch o.c.	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	I.S.O. Twin Pack, 6-inch o.c.	BB-UPBA	-75.0
C-188	Structural concrete	V-Force FR, self-adhering	Min. 2.0-inch ACFoam-II	Polyset Board Max (SPATTER)	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Polyset Board Max (SPATTER)	BB-UPBA	-142.5
C-189	Structural concrete	V-Force FR, self-adhering	Min. 2.0-inch ACFoam-II	I.S.O. Twin Pack, 6-inch o.c.	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	I.S.O. Twin Pack, 6-inch o.c.	BB-UPBA	-202.5
ELEVATE ULTRAPLY TPO XR / JET BOND SPRAY ADHESIVE SYSTEMS:								
C-190	Structural concrete	V-Force P or V-Force FR, self-adhering	Min. 2.0-inch ACFoam-II	Polyset Board Max (SPATTER)	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Polyset Board Max (SPATTER)	XR-JBSA	-67.5
C-191	Structural concrete	V-Force P or V-Force FR, self-adhering	Min. 2.0-inch ACFoam-II	I.S.O. Twin Pack, 6-inch o.c.	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	I.S.O. Twin Pack, 6-inch o.c.	XR-JBSA	-75.0
C-192	Structural concrete	V-Force FR, self-adhering	Min. 2.0-inch ACFoam-II	Polyset Board Max (SPATTER)	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Polyset Board Max (SPATTER)	XR-JBSA	-142.5
C-193	Structural concrete	V-Force FR, self-adhering	Min. 2.0-inch ACFoam-II	I.S.O. Twin Pack, 6-inch o.c.	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	I.S.O. Twin Pack, 6-inch o.c.	XR-JBSA	-202.5
ELEVATE ULTRAPLY TPO XR / I.S.O. SPRAY R OR ELEVATE XR STICK MEMBRANE ADHESIVE SYSTEMS:								
C-194	Structural concrete	V-Force P or V-Force FR, self-adhering	Min. 2.0-inch ACFoam-II	Polyset Board Max (SPATTER)	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Polyset Board Max (SPATTER)	XR-ISOSR or XR-XRSMA	-67.5

**NEMO EVALUATIONS REPORT**

Report No.: NER-AMZ-001.B.R4

Revision 4: 2026-06-09

Page 89 of 124

Amrize Building Envelope LLC (Elevate)

FL10264-R23



ISO/IEC 17065

PCA-145

**TABLE 11B: STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-2: BONDED VAPOR/AIR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER**

SYSTEM No.	Deck (4.1.2)	Vapor or Air Barrier	Base Insulation Layer		Top Insulation Layer(s)		Roof Cover (3.1.4)	MDP (psf)
			Type	Attach (3.1.3)	Type	Attach (3.1.3)		
C-195	Structural concrete	V-Force P or V-Force FR, self-adhering	Min. 2.0-inch ACFoam-II	I.S.O. Twin Pack, 6-inch o.c.	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	I.S.O. Twin Pack, 6-inch o.c.	XR-ISOSR or XR-XRSMA	-75.0
C-196	Structural concrete	V-Force FR, self-adhering	Min. 2.0-inch ACFoam-II	Polyset Board Max (SPATTER)	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Polyset Board Max (SPATTER)	XR-ISOSR or XR-XRSMA	-142.5
C-197	Structural concrete	V-Force FR, self-adhering	Min. 2.0-inch ACFoam-II	I.S.O. Twin Pack, 6-inch o.c.	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	I.S.O. Twin Pack, 6-inch o.c.	XR-ISOSR or XR-XRSMA	-202.5
ELEVATE ULTRAPLY TPO XR / TWIN JET SYSTEMS:								
C-198	Structural concrete	V-Force P or V-Force FR, self-adhering	Min. 2.0-inch ACFoam-II	Polyset Board Max (SPATTER)	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Polyset Board Max (SPATTER)	XR-TJ or XR-TJY (SPATTER)	-67.5
C-199	Structural concrete	V-Force P or V-Force FR, self-adhering	Min. 2.0-inch ACFoam-II	I.S.O. Twin Pack, 6-inch o.c.	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	I.S.O. Twin Pack, 6-inch o.c.	XR-TJ or XR-TJY (SPATTER)	-75.0
C-200	Structural concrete	V-Force FR, self-adhering	Min. 2.0-inch ACFoam-II	Polyset Board Max (SPATTER)	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Polyset Board Max (SPATTER)	XR-TJ or XR-TJY (SPATTER)	-142.5
C-201	Structural concrete	V-Force FR, self-adhering	Min. 2.0-inch ACFoam-II	I.S.O. Twin Pack, 6-inch o.c.	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	I.S.O. Twin Pack, 6-inch o.c.	XR-TJ or XR-TJY (SPATTER)	-202.5
ELEVATE ULTRAPLY TPO SA SYSTEMS:								
C-202	Structural concrete	V-Force P or V-Force FR, self-adhering	Min. 2.0-inch ACFoam-II	Polyset Board Max (SPATTER)	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Polyset Board Max (SPATTER)	SA	-67.5
C-203	Structural concrete	V-Force P or V-Force FR, self-adhering	Min. 2.0-inch ACFoam-II	I.S.O. Twin Pack, 6-inch o.c.	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	I.S.O. Twin Pack, 6-inch o.c.	SA	-75.0
C-204	Structural concrete	V-Force FR, self-adhering	Min. 2.0-inch ACFoam-II	Polyset Board Max (SPATTER)	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Polyset Board Max (SPATTER)	SA	-142.5
C-205	Structural concrete	V-Force FR, self-adhering	Min. 2.0-inch ACFoam-II	I.S.O. Twin Pack, 6-inch o.c.	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	I.S.O. Twin Pack, 6-inch o.c.	SA	-202.5

**NEMO EVALUATIONS REPORT**

Report No.: NER-AMZ-001.B.R4

Revision 4: 2026-06-09

Page 90 of 124

Amrize Building Envelope LLC (Elevate)

FL10264-R23



ISO/IEC 17065

PCA-145

**TABLE 11c: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE F: NON-INSULATED, BONDED ROOF COVER**

System No.	Deck (4.1.2)	Primer	Roof Cover (3.1.4)				MDP (psf)
			Base Ply	Application	Cap Ply	Application	
C-206	Structural concrete	None	None	N/A	Elevate UltraPly TPO XR 100, TPO XR 115 or TPO XR 135	XR Stick (RIBBON, 12)	-97.5
C-207	Structural concrete	None	None	N/A	Elevate UltraPly TPO XR 100, TPO XR 115 or TPO XR 135	XR Stick (RIBBON, 6)	-150.0
C-208	Structural concrete	ASTM D41	None	N/A	Elevate UltraPly TPO XR 100, TPO XR 115 or TPO XR 135	XR-BA	-180.0
C-209	Structural concrete	None	None	N/A	Elevate UltraPly TPO XR 100, TPO XR 115 or TPO XR 135	XR-BA	-360.0
C-210	Structural concrete	ASTM D41	None	N/A	Elevate UltraPly TPO XR 100, TPO XR 115 or TPO XR 135	Hot asphalt	-382.5
C-211	Structural concrete	None	None	N/A	Elevate UltraPly TPO XR 100, TPO XR 115 or TPO XR 135	I.S.O. Spray R (RIBBON, 4)	-472.5
C-212	Structural concrete	None	None	N/A	Elevate UltraPly TPO XR 100, TPO XR 115 or TPO XR 135	Hot asphalt	-487.5
C-213	Structural concrete	ASTM D41	None	N/A	Elevate UltraPly TPO XR 100, TPO XR 115 or TPO XR 135	Hot asphalt	-495.0
C-214	Structural concrete	None	None	N/A	Elevate UltraPly TPO XR 100, TPO XR 115 or TPO XR 135	Twin Jet (RIBBON, 4 or SPATTER)	-495.5
C-215	Structural concrete	ASTM D41	One or two plies Elevate Type IV (4) M or Type VI (6) M or one ply of MB Base, SBS Base, SBS PolyBase or SBS Premium Base	Hot asphalt	Elevate UltraPly TPO XR 100, TPO XR 115 or TPO XR 135	I.S.O. Spray R (RIBBON, 4)	-240.0
C-216	Structural concrete	ASTM D41	One or two plies Elevate Type IV (4) M or Type VI (6) M or one ply of MB Base, SBS Base, SBS PolyBase or SBS Premium Base	Hot asphalt	Elevate UltraPly TPO XR 100, TPO XR 115 or TPO XR 135	XR Stick (RIBBON, 4)	-315.0
C-217	Structural concrete	ASTM D41	One or two plies Elevate Type IV (4) M or Type VI (6) M or one ply of MB Base, SBS Base, SBS PolyBase or SBS Premium Base	Hot asphalt	Elevate UltraPly TPO XR 100, TPO XR 115 or TPO XR 135	I.S.O. Spray R (RIBBON, 4)	-360.0

TABLE 12A: LIGHTWEIGHT CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER

REFER TO [TABLE VB-2](#) FOR VAPOR BARRIER OPTIONS BETWEEN THE DECK AND THE LWC

System No.	Deck (4.1.2)	Lightweight Concrete (3.1.2)	Base Insulation Layer		Coverboard		Roof Cover (3.1.4)	MDP (psf)
			Type	Attach (3.1.3)	Type	Attach (3.1.3)		
ELEVATE ULTRAPLY TPO SYSTEMS:								
CELCORE (NOA 24-0906.02):								
LWC-1	Structural concrete	Min. 350 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture, with optional 1-inch thick, 1.0 pcf EPS holey board and surfacing of Celcore PVA Curing Compound.	Min. 1-inch ISOGARD GL	I.S.O. Twin Pack	(Optional) Additional layer of base insulation or min. 0.5-inch Tapered ISOGARD GL	I.S.O. Twin Pack	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-217.5
LWC-2	Structural concrete	Min. 350 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture, with optional 1-inch thick, 1.0 pcf EPS holey board and surfacing of Celcore PVA Curing Compound.	Min. 1-inch ISOGARD CG	I.S.O. Twin Pack	(Optional) Additional layer of base insulation or min. 0.5-inch Tapered ISOGARD CG	I.S.O. Twin Pack	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-217.5
LWC-3	Structural concrete	Min. 350 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture, with optional 1-inch thick, 1.0 pcf EPS holey board and surfacing of Celcore PVA Curing Compound.	(Optional) Min. 0.5-inch Tapered ISOGARD GL or Tapered ISOGARD CG	I.S.O. Twin Pack	Min. 2-inch Elevate ISOGARD HD Composite	I.S.O. Twin Pack	BB-JBSA	-172.5
LWC-4	Structural concrete	Min. 350 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture, with optional 1-inch thick, 1.0 pcf EPS holey board and surfacing of Celcore PVA Curing Compound.	(Optional) Min. 0.5-inch Tapered ISOGARD GL or Tapered ISOGARD CG	I.S.O. Twin Pack	Min. 2-inch Elevate ISOGARD HD Composite	I.S.O. Twin Pack	BB-JBSA, BB-LVOC-BA, LVOC-BA-1168 or BB-UPBA	-217.5
LWC-5	Structural concrete	Min. 350 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture, with optional 1-inch thick, 1.0 pcf EPS holey board and surfacing of Celcore PVA Curing Compound.	Min. 1.5-inch ISOGARD GL or ISOGARD CG	I.S.O. Twin Pack	Optional additional layers of base insulation or min. 0.5-inch Tapered ISOGARD GL or ISOGARD CG followed by min. 0.5-inch Elevate ISOGARD HD	I.S.O. Twin Pack	BB-JBSA	-172.5
LWC-6	Structural concrete	Min. 350 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture, with optional 1-inch thick, 1.0 pcf EPS holey board and surfacing of Celcore PVA Curing Compound.	Min. 1.5-inch ISOGARD GL or ISOGARD CG	I.S.O. Twin Pack	Optional additional layers of base insulation or min. 0.5-inch Tapered ISOGARD GL or ISOGARD CG followed by min. 0.5-inch Elevate ISOGARD HD	I.S.O. Twin Pack	BB-LVOC, BB-LVOC-1168 or BB-UPBA	-217.5
LWC-7	Structural concrete	Min. 350 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture, with optional 1-inch thick, 1.0 pcf EPS holey board and surfacing of Celcore PVA Curing Compound.	Min. 1.5-inch ISOGARD GL or ISOGARD CG	I.S.O. Twin Pack	Optional additional layers of base insulation or min. 0.5-inch Tapered ISOGARD GL or ISOGARD CG followed by Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	I.S.O. Twin Pack	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-217.5
LWC-8	Structural concrete	Min. 350 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture, with optional 1-inch thick, 1.0 pcf EPS holey board and surfacing of Celcore PVA Curing Compound.	Min. 1-inch ISOGARD GL or ISOGARD CG	I.S.O. Twin Pack	Optional additional layers of base insulation or min. 0.5-inch Tapered ISOGARD GL or ISOGARD CG followed by min. 19/32-inch plywood	I.S.O. Twin Pack	BB-LVOC, BB-LVOC-1168 or BB-UPBA	-217.5

TABLE 12A: LIGHTWEIGHT CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER
REFER TO [TABLE VB-2](#) FOR VAPOR BARRIER OPTIONS BETWEEN THE DECK AND THE LWC

System No.	Deck (4.1.2)	Lightweight Concrete (3.1.2)	Base Insulation Layer		Coverboard		Roof Cover (3.1.4)	MDP (psf)
			Type	Attach (3.1.3)	Type	Attach (3.1.3)		
LWC-9	Structural concrete	Min. 350 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture, with optional 1-inch thick, 1.0 pcf EPS holey board and surfacing of Celcore PVA Curing Compound.	Min. 1-inch ISOGARD GL	I.S.O. Stick, Twin Jet, Twin Jet Y	(Optional) Additional layer of base insulation or min. 0.5-inch Tapered ISOGARD GL	I.S.O. Stick, Twin Jet, Twin Jet Y	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-187.5
LWC-10	Structural concrete	Min. 350 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture, with optional 1-inch thick, 1.0 pcf EPS holey board and surfacing of Celcore PVA Curing Compound.	Min. 1-inch ISOGARD CG	I.S.O. Stick, Twin Jet, Twin Jet Y	(Optional) Additional layer of base insulation or min. 0.5-inch Tapered ISOGARD CG	I.S.O. Stick, Twin Jet, Twin Jet Y	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-187.5
LWC-11	Structural concrete	Min. 350 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture, with optional 1-inch thick, 1.0 pcf EPS holey board and surfacing of Celcore PVA Curing Compound.	(Optional) Min. 0.5-inch Tapered ISOGARD GL or Tapered ISOGARD CG	I.S.O. Stick, Twin Jet, Twin Jet Y	Min. 2-inch Elevate ISOGARD HD Composite	I.S.O. Stick, Twin Jet, Twin Jet Y	BB-JBSA	-172.5
LWC-12	Structural concrete	Min. 350 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture, with optional 1-inch thick, 1.0 pcf EPS holey board and surfacing of Celcore PVA Curing Compound.	(Optional) Min. 0.5-inch Tapered ISOGARD GL or Tapered ISOGARD CG	I.S.O. Stick, Twin Jet, Twin Jet Y	Min. 2-inch Elevate ISOGARD HD Composite	I.S.O. Stick, Twin Jet, Twin Jet Y	BB-LVOC, BB-LVOC-1168 or BB-UPBA	-187.5
LWC-13	Structural concrete	Min. 350 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture, with optional 1-inch thick, 1.0 pcf EPS holey board and surfacing of Celcore PVA Curing Compound.	Min. 1.5-inch ISOGARD GL or ISOGARD CG	I.S.O. Stick, Twin Jet, Twin Jet Y	Optional additional layers of base insulation or min. 0.5-inch Tapered ISOGARD GL or ISOGARD CG followed by min. 0.5-inch Elevate ISOGARD HD	I.S.O. Stick, Twin Jet, Twin Jet Y	BB-JBSA	-172.5
LWC-14	Structural concrete	Min. 350 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture, with optional 1-inch thick, 1.0 pcf EPS holey board and surfacing of Celcore PVA Curing Compound.	Min. 1.5-inch ISOGARD GL or ISOGARD CG	I.S.O. Stick, Twin Jet, Twin Jet Y	Optional additional layers of base insulation or min. 0.5-inch Tapered ISOGARD GL or ISOGARD CG followed by min. 0.5-inch Elevate ISOGARD HD	I.S.O. Stick, Twin Jet, Twin Jet Y	BB-LVOC, BB-LVOC-1168 or BB-UPBA	-187.5
LWC-15	Structural concrete	Min. 350 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture, with optional 1-inch thick, 1.0 pcf EPS holey board and surfacing of Celcore PVA Curing Compound.	Min. 1.5-inch ISOGARD GL or ISOGARD CG	I.S.O. Stick, Twin Jet, Twin Jet Y	Optional additional layers of base insulation or min. 0.5-inch Tapered ISOGARD GL or ISOGARD CG followed by Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECURock Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	I.S.O. Stick, Twin Jet	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-187.5
LWC-16	Structural concrete	Min. 350 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture, with optional 1-inch thick, 1.0 pcf EPS holey board and surfacing of Celcore PVA Curing Compound.	Min. 1-inch ISOGARD GL or ISOGARD CG	I.S.O. Stick, Twin Jet, Twin Jet Y	Optional additional layers of base insulation or min. 0.5-inch Tapered ISOGARD GL or ISOGARD CG followed by min. 19/32-inch plywood	I.S.O. Stick, Twin Jet	BB-LVOC, BB-LVOC-1168 or BB-UPBA	-187.5
LWC-17	Structural concrete	Min. 200 psi, min. 2-inch thick Celcore Cellular Concrete	Min. 1.5-inch ISOGARD GL	I.S.O. Stick, Twin Jet	(Optional) Additional layers of base insulation	I.S.O. Stick, Twin Jet	BB-JBSA or BB-UPBA	-225.0

TABLE 12A: LIGHTWEIGHT CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER
 REFER TO [TABLE VB-2](#) FOR VAPOR BARRIER OPTIONS BETWEEN THE DECK AND THE LWC

System No.	Deck (4.1.2)	Lightweight Concrete (3.1.2)	Base Insulation Layer		Coverboard		Roof Cover (3.1.4)	MDP (psf)
			Type	Attach (3.1.3)	Type	Attach (3.1.3)		
LWC-18	Structural concrete	Min. 200 psi, min. 2-inch thick Celcore Cellular Concrete	Min. 1.5-inch ISOGLARD GL	I.S.O. Stick, Twin Jet	Min. 0.25-inch DensDeck Prime or SECURROCK Gypsum-Fiber Roof Board	I.S.O. Stick, Twin Jet	BB-JBSA or BB-UPBA	-225.0
LWC-19	Structural concrete	Min. 200 psi, min. 2-inch thick Celcore Cellular Concrete	Min. 1.5-inch ISOGLARD GL	Twin Jet Y	Min. 0.25-inch DensDeck	Twin Jet Y	BB-JBSA or BB-UPBA	-195.0
LWC-20	Structural concrete	Min. 200 psi, min. 2-inch thick Celcore Cellular Concrete	Min. 1.5-inch ISOGLARD GL	Twin Jet Y	(Optional) Additional layers base insulation	Twin Jet Y	BB-JBSA or BB-UPBA	-222.5
LWC-21	Structural concrete	Min. 200 psi, min. 2-inch thick Celcore Cellular Concrete.	Min. 1.5-inch ISOGLARD GL	Twin Jet Y	Min. 0.25-inch DensDeck Prime or SECURROCK Gypsum-Fiber Roof Board	Twin Jet Y	BB-JBSA or BB-UPBA	-222.5
ELASTIZELL (NOA 23-0817.05):								
LWC-22	Structural concrete	Min. 200 psi, min. 2-inch thick Elastizell Cellular Lightweight Insulating Concrete	Min. 1.5-inch ISOGLARD GL	I.S.O. Stick, Twin Jet	(Optional) Additional layers of base insulation	I.S.O. Stick, Twin Jet	BB-JBSA or BB-UPBA	-225.0
LWC-23	Structural concrete	Min. 200 psi, min. 2-inch thick Elastizell Cellular Lightweight Insulating Concrete	Min. 1.5-inch ISOGLARD GL	I.S.O. Stick, Twin Jet	Min. 0.25-inch DensDeck Prime or SECURROCK Gypsum-Fiber Roof Board	I.S.O. Stick, Twin Jet	BB-JBSA or BB-UPBA	-225.0
LWC-24	Structural concrete	Min. 200 psi, min. 2-inch thick Elastizell Cellular Lightweight Insulating Concrete	Min. 1.5-inch ISOGLARD GL	Twin Jet Y	(Optional) Additional layers base insulation	Twin Jet Y	BB-JBSA or BB-UPBA	-180.0
LWC-25	Structural concrete	Min. 200 psi, min. 2-inch thick Elastizell Cellular Lightweight Insulating Concrete	Min. 1.5-inch ISOGLARD GL	Twin Jet Y	Min. 0.25-inch DensDeck or SECURROCK Gypsum-Fiber Roof Board	Twin Jet Y	BB-JBSA or BB-UPBA	-180.0
INSULCEL (NOA 23-1219.03):								
LWC-26	Structural concrete	Min. 200 psi, min. 2-inch thick Siplast Insulcel	Min. 1.5-inch ISOGLARD GL	I.S.O. Stick, Twin Jet	(Optional) Additional layers of base insulation	I.S.O. Stick, Twin Jet	BB-JBSA or BB-UPBA	-225.0
LWC-27	Structural concrete	Min. 200 psi, min. 2-inch thick Siplast Insulcel	Min. 1.5-inch ISOGLARD GL	I.S.O. Stick, Twin Jet	Min. 0.25-inch DensDeck Prime or SECURROCK Gypsum-Fiber Roof Board	I.S.O. Stick, Twin Jet	BB-JBSA or BB-UPBA	-225.0
MEARLCRETE (NOA 24-0514.06):								
LWC-28	Structural concrete	Min. 200 psi, min. 2-inch thick Mearlcrete	Min. 1.5-inch ISOGLARD GL	I.S.O. Stick, Twin Jet	(Optional) Additional layers of base insulation	I.S.O. Stick, Twin Jet	BB-JBSA or BB-UPBA	-225.0
LWC-29	Structural concrete	Min. 200 psi, min. 2-inch thick Mearlcrete	Min. 1.5-inch ISOGLARD GL	I.S.O. Stick, Twin Jet	Min. 0.25-inch DensDeck Prime or SECURROCK Gypsum-Fiber Roof Board	I.S.O. Stick, Twin Jet	BB-JBSA or BB-UPBA	-225.0

TABLE 12A: LIGHTWEIGHT CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER
REFER TO [TABLE VB-2](#) FOR VAPOR BARRIER OPTIONS BETWEEN THE DECK AND THE LWC

System No.	Deck (4.1.2)	Lightweight Concrete (3.1.2)	Base Insulation Layer		Coverboard		Roof Cover (3.1.4)	MDP (psf)
			Type	Attach (3.1.3)	Type	Attach (3.1.3)		
LWC-30	Structural concrete	Min. 200 psi, min. 2-inch thick Mearlcrete	Min. 1.5-inch ISOGARD GL	Twin Jet Y	Min. 0.25-inch DensDeck or SECUROCK Gypsum-Fiber Roof Board	Twin Jet Y	BB-JBSA or BB-UPBA	-195.0
LWC-31	Structural concrete	Min. 200 psi, min. 2-inch thick Mearlcrete	Min. 1.5-inch ISOGARD GL	Twin Jet Y	(Optional) Additional layers base insulation	Twin Jet Y	BB-JBSA or BB-UPBA	-240.0
LWC-32	Structural concrete	Min. 200 psi, min. 2-inch thick Mearlcrete	Min. 1.5-inch ISOGARD GL	Twin Jet Y	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Twin Jet Y	BB-JBSA or BB-UPBA	-240.0
ELEVATE ULTRAPLY TPO XR / JET BOND SPRAY ADHESIVE SYSTEMS:								
CELCORE (NOA 24-0906.02):								
LWC-33	Structural concrete	Min. 350 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture, with optional 1-inch thick, 1.0 pcf EPS holey board and surfacing of Celcore PVA Curing Compound.	Min. 1-inch ISOGARD GL or ISOGARD CG	I.S.O. Stick, Twin Jet, Twin Jet Y, I.S.O. Twin Pack	(Optional) Additional layer of base insulation or min. 0.5-inch Tapered ISOGARD GL or ISOGARD CG	I.S.O. Stick, Twin Jet, Twin Jet Y, I.S.O. Twin Pack	XR-JBSA	-172.5
LWC-34	Structural concrete	Min. 350 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture, with optional 1-inch thick, 1.0 pcf EPS holey board and surfacing of Celcore PVA Curing Compound.	(Optional) Min. 0.5-inch Tapered ISOGARD GL or Tapered ISOGARD CG	I.S.O. Stick, Twin Jet, Twin Jet Y, I.S.O. Twin Pack	Min. 2-inch Elevate ISOGARD HD Composite	I.S.O. Stick, Twin Jet, Twin Jet Y, I.S.O. Twin Pack	XR-JBSA	-172.5
LWC-35	Structural concrete	Min. 350 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture, with optional 1-inch thick, 1.0 pcf EPS holey board and surfacing of Celcore PVA Curing Compound.	(Optional) Min. 0.5-inch Tapered ISOGARD GL or Tapered ISOGARD CG	I.S.O. Twin Pack	Optional additional layers of base insulation or min. 0.5-inch Tapered ISOGARD GL or ISOGARD CG followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board, min. 19/32-inch plywood or min. 0.5-inch Elevate ISOGARD HD	I.S.O. Stick, Twin Jet, I.S.O. Twin Pack	XR-JBSA	-172.5
ELEVATE ULTRAPLY TPO XR / I.S.O. SPRAY R OR ELEVATE XR STICK MEMBRANE ADHESIVE SYSTEMS:								
CELCORE (NOA 24-0906.02):								
LWC-36	Structural concrete	Min. 350 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture, with optional 1-inch thick, 1.0 pcf EPS holey board and surfacing of Celcore PVA Curing Compound.	(Optional) Min. 0.5-inch Tapered ISOGARD GL or Tapered ISOGARD CG	I.S.O. Stick, Twin Jet, Twin Jet Y, I.S.O. Twin Pack	Min. 2-inch Elevate ISOGARD HD Composite	I.S.O. Stick, Twin Jet, Twin Jet Y, I.S.O. Twin Pack	XR-ISOSR (RIBBON, 12) or XR-XRSM (RIBBON, 12)	-45.0

TABLE 12A: LIGHTWEIGHT CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER
REFER TO [TABLE VB-2](#) FOR VAPOR BARRIER OPTIONS BETWEEN THE DECK AND THE LWC

System No.	Deck (4.1.2)	Lightweight Concrete (3.1.2)	Base Insulation Layer		Coverboard		Roof Cover (3.1.4)	MDP (psf)
			Type	Attach (3.1.3)	Type	Attach (3.1.3)		
LWC-37	Structural concrete	Min. 350 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture, with optional 1-inch thick, 1.0 pcf EPS holey board and surfacing of Celcore PVA Curing Compound.	Min. 1.5-inch ISO GARD GL or ISO GARD CG	I.S.O. Stick, Twin Jet, Twin Jet Y, I.S.O. Twin Pack	Optional additional layers of base insulation or min. 0.5-inch Tapered ISO GARD GL or ISO GARD CG followed by min. 0.5-inch Elevate ISO GARD HD	I.S.O. Stick, Twin Jet, Twin Jet Y, I.S.O. Twin Pack	XR-ISOSR (RIBBON, 12) or XR-XRSMA (RIBBON, 12)	-45.0
LWC-38	Structural concrete	Min. 350 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture, with optional 1-inch thick, 1.0 pcf EPS holey board and surfacing of Celcore PVA Curing Compound.	Min. 1.5-inch ISO GARD GL or ISO GARD CG	I.S.O. Stick, Twin Jet, Twin Jet Y, I.S.O. Twin Pack	Optional additional layers of base insulation or min. 0.5-inch Tapered ISO GARD GL or ISO GARD CG followed by Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	I.S.O. Stick, Twin Jet, I.S.O. Twin Pack	XR-ISOSR (RIBBON, 12) or XR-XRSMA (RIBBON, 12)	-45.0
LWC-39	Structural concrete	Min. 350 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture, with optional 1-inch thick, 1.0 pcf EPS holey board and surfacing of Celcore PVA Curing Compound.	Min. 1-inch ISO GARD GL or ISO GARD CG	I.S.O. Stick, Twin Jet, Twin Jet Y, I.S.O. Twin Pack	Optional additional layers of base insulation or min. 0.5-inch Tapered ISO GARD GL or ISO GARD CG followed by min. 19/32-inch plywood	I.S.O. Stick, Twin Jet, I.S.O. Twin Pack	XR-ISOSR (RIBBON, 12) or XR-XRSMA (RIBBON, 12)	-45.0
LWC-40	Structural concrete	Min. 350 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture, with optional 1-inch thick, 1.0 pcf EPS holey board and surfacing of Celcore PVA Curing Compound.	Min. 1.5-inch ISO GARD GL or ISO GARD CG	I.S.O. Stick, Twin Jet, Twin Jet Y, I.S.O. Twin Pack	Optional additional layers of base insulation or min. 0.5-inch Tapered ISO GARD GL or ISO GARD CG followed by Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	I.S.O. Stick, Twin Jet, I.S.O. Twin Pack	XR-ISOSR (RIBBON, 6) or XR-XRSMA (RIBBON, 6)	-60.0
LWC-41	Structural concrete	Min. 350 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture, with optional 1-inch thick, 1.0 pcf EPS holey board and surfacing of Celcore PVA Curing Compound.	(Optional) Min. 0.5-inch Tapered ISO GARD GL or Tapered ISO GARD CG	I.S.O. Stick, Twin Jet, Twin Jet Y, I.S.O. Twin Pack	Min. 2-inch Elevate ISO GARD HD Composite	I.S.O. Stick, Twin Jet, Twin Jet Y, I.S.O. Twin Pack	XR-ISOSR (RIBBON, 6) or XR-XRSMA (RIBBON, 6)	-82.5
LWC-42	Structural concrete	Min. 350 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture, with optional 1-inch thick, 1.0 pcf EPS holey board and surfacing of Celcore PVA Curing Compound.	Min. 1.5-inch ISO GARD GL or ISO GARD CG	I.S.O. Stick, Twin Jet, Twin Jet Y, I.S.O. Twin Pack	Optional additional layers of base insulation or min. 0.5-inch Tapered ISO GARD GL or ISO GARD CG followed by min. 0.5-inch Elevate ISO GARD HD	I.S.O. Stick, Twin Jet, Twin Jet Y, I.S.O. Twin Pack	XR-ISOSR (RIBBON, 6) or XR-XRSMA (RIBBON, 6)	-82.5
LWC-43	Structural concrete	Min. 350 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture, with optional 1-inch thick, 1.0 pcf EPS holey board and surfacing of Celcore PVA Curing Compound.	Min. 1-inch ISO GARD GL	I.S.O. Stick, Twin Jet, Twin Jet Y, I.S.O. Twin Pack	(Optional) Additional layer of base insulation or min. 0.5-inch Tapered ISO GARD GL	I.S.O. Stick, Twin Jet, Twin Jet Y, I.S.O. Twin Pack	XR-ISOSR (RIBBON, 6) or XR-XRSMA (RIBBON, 6)	-142.5

TABLE 12A: LIGHTWEIGHT CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER
REFER TO [TABLE VB-2](#) FOR VAPOR BARRIER OPTIONS BETWEEN THE DECK AND THE LWC

System No.	Deck (4.1.2)	Lightweight Concrete (3.1.2)	Base Insulation Layer		Coverboard		Roof Cover (3.1.4)	MDP (psf)
			Type	Attach (3.1.3)	Type	Attach (3.1.3)		
LWC-44	Structural concrete	Min. 350 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture, with optional 1-inch thick, 1.0 pcf EPS holey board and surfacing of Celcore PVA Curing Compound.	Min. 1-inch ISOGARD CG	I.S.O. Stick, Twin Jet, Twin Jet Y, I.S.O. Twin Pack	(Optional) Additional layer of base insulation or min. 0.5-inch Tapered ISOGARD CG	I.S.O. Stick, Twin Jet, Twin Jet Y, I.S.O. Twin Pack	XR-ISOSR (RIBBON, 6) or XR-XRSMA (RIBBON, 6)	-142.5
LWC-45	Structural concrete	Min. 350 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture, with optional 1-inch thick, 1.0 pcf EPS holey board and surfacing of Celcore PVA Curing Compound.	Min. 1-inch ISOGARD GL	I.S.O. Stick, Twin Jet, Twin Jet Y, I.S.O. Twin Pack	(Optional) Additional layer of base insulation or min. 0.5-inch Tapered ISOGARD GL	I.S.O. Stick, Twin Jet, Twin Jet Y, I.S.O. Twin Pack	XR-ISOSR (RIBBON, 4) or XR-XRSMA (RIBBON, 4)	-172.5
LWC-46	Structural concrete	Min. 350 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture, with optional 1-inch thick, 1.0 pcf EPS holey board and surfacing of Celcore PVA Curing Compound.	Min. 1-inch ISOGARD CG	I.S.O. Stick, Twin Jet, Twin Jet Y, I.S.O. Twin Pack	(Optional) Additional layer of base insulation or min. 0.5-inch Tapered ISOGARD CG	I.S.O. Stick, Twin Jet, Twin Jet Y, I.S.O. Twin Pack	XR-ISOSR (RIBBON, 4) or XR-XRSMA (RIBBON, 4)	-172.5
LWC-47	Structural concrete	Min. 350 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture, with optional 1-inch thick, 1.0 pcf EPS holey board and surfacing of Celcore PVA Curing Compound.	(Optional) Min. 0.5-inch Tapered ISOGARD GL or Tapered ISOGARD CG	I.S.O. Stick, Twin Jet, Twin Jet Y, I.S.O. Twin Pack	Min. 2-inch Elevate ISOGARD HD Composite	I.S.O. Stick, Twin Jet, Twin Jet Y, I.S.O. Twin Pack	XR-ISOSR (RIBBON, 4) or XR-XRSMA (RIBBON, 4)	-172.5
LWC-48	Structural concrete	Min. 350 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture, with optional 1-inch thick, 1.0 pcf EPS holey board and surfacing of Celcore PVA Curing Compound.	Min. 1.5-inch ISOGARD GL or ISOGARD CG	I.S.O. Stick, Twin Jet, Twin Jet Y, I.S.O. Twin Pack	Optional additional layers of base insulation or min. 0.5-inch Tapered ISOGARD GL or ISOGARD CG followed by min. 0.5-inch Elevate ISOGARD HD	I.S.O. Stick, Twin Jet, Twin Jet Y, I.S.O. Twin Pack	XR-ISOSR (RIBBON, 4) or XR-XRSMA (RIBBON, 4)	-172.5
LWC-49	Structural concrete	Min. 350 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture, with optional 1-inch thick, 1.0 pcf EPS holey board and surfacing of Celcore PVA Curing Compound.	Min. 1.5-inch ISOGARD GL or ISOGARD CG	I.S.O. Stick, Twin Jet, Twin Jet Y, I.S.O. Twin Pack	Optional additional layers of base insulation or min. 0.5-inch Tapered ISOGARD GL or ISOGARD CG followed by Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	I.S.O. Stick, Twin Jet, Twin Jet Y, I.S.O. Twin Pack	XR-ISOSR (RIBBON, 4) or XR-XRSMA (RIBBON, 4)	-172.5
ELEVATE ULTRAPLY TPO XR / TWIN JET SYSTEMS:								
CELCORE (NOA 24-0906.02):								
LWC-50	Structural concrete	Min. 350 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture, with optional 1-inch thick, 1.0 pcf EPS holey board and surfacing of Celcore PVA Curing Compound.	(Optional) Min. 0.5-inch Tapered ISOGARD GL or Tapered ISOGARD CG	I.S.O. Stick, Twin Jet, Twin Jet Y, I.S.O. Twin Pack	Min. 2-inch Elevate ISOGARD HD Composite	I.S.O. Stick, Twin Jet, Twin Jet Y, I.S.O. Twin Pack	XR-TJ (RIBBON, 6 or SPATTER)	-45.0

TABLE 12A: LIGHTWEIGHT CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER
REFER TO [TABLE VB-2](#) FOR VAPOR BARRIER OPTIONS BETWEEN THE DECK AND THE LWC

System No.	Deck (4.1.2)	Lightweight Concrete (3.1.2)	Base Insulation Layer		Coverboard		Roof Cover (3.1.4)	MDP (psf)
			Type	Attach (3.1.3)	Type	Attach (3.1.3)		
LWC-51	Structural concrete	Min. 350 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture, with optional 1-inch thick, 1.0 pcf EPS holey board and surfacing of Celcore PVA Curing Compound.	Min. 1.5-inch ISO GARD GL or ISO GARD CG	I.S.O. Stick, Twin Jet, Twin Jet Y, I.S.O. Twin Pack	Optional additional layers of base insulation or min. 0.5-inch Tapered ISO GARD GL or ISO GARD CG followed by min. 0.5-inch Elevate ISO GARD HD	I.S.O. Stick, Twin Jet, Twin Jet Y, I.S.O. Twin Pack	XR-TJ (RIBBON, 6 or SPATTER)	-45.0
LWC-52	Structural concrete	Min. 350 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture, with optional 1-inch thick, 1.0 pcf EPS holey board and surfacing of Celcore PVA Curing Compound.	Min. 1.5-inch ISO GARD GL or ISO GARD CG	I.S.O. Stick, Twin Jet, Twin Jet Y, I.S.O. Twin Pack	Optional additional layers of base insulation or min. 0.5-inch Tapered ISO GARD GL or ISO GARD CG followed by Min. 0.25-inch DensDeck Prime	I.S.O. Stick, Twin Jet, Twin Jet Y, I.S.O. Twin Pack	XR-TJ (RIBBON, 6 or SPATTER)	-45.0
LWC-53	Structural concrete	Min. 350 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture, with optional 1-inch thick, 1.0 pcf EPS holey board and surfacing of Celcore PVA Curing Compound.	Min. 1.5-inch ISO GARD GL or ISO GARD CG	I.S.O. Stick, Twin Jet, Twin Jet Y, I.S.O. Twin Pack	Optional additional layers of base insulation or min. 0.5-inch Tapered ISO GARD GL or ISO GARD CG followed by Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	I.S.O. Stick, Twin Jet, Twin Jet Y, I.S.O. Twin Pack	XR-TJ (RIBBON, 12 or SPATTER)	-45.0
LWC-54	Structural concrete	Min. 350 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture, with optional 1-inch thick, 1.0 pcf EPS holey board and surfacing of Celcore PVA Curing Compound.	Min. 1-inch ISO GARD GL or ISO GARD CG	I.S.O. Stick, Twin Jet, Twin Jet Y, I.S.O. Twin Pack	Optional additional layers of base insulation or min. 0.5-inch Tapered ISO GARD GL or ISO GARD CG followed by min. 19/32-inch plywood	I.S.O. Stick, Twin Jet, I.S.O. Twin Pack	XR-TJ (RIBBON, 6 or SPATTER)	-45.0
LWC-55	Structural concrete	Min. 350 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture, with optional 1-inch thick, 1.0 pcf EPS holey board and surfacing of Celcore PVA Curing Compound.	Min. 1.5-inch ISO GARD GL or ISO GARD CG	I.S.O. Stick, Twin Jet, Twin Jet Y, I.S.O. Twin Pack	Optional additional layers of base insulation or min. 0.5-inch Tapered ISO GARD GL or ISO GARD CG followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	I.S.O. Stick, Twin Jet, Twin Jet Y, I.S.O. Twin Pack	XR-TJ (RIBBON, 6 or SPATTER)	-60.0
LWC-56	Structural concrete	Min. 350 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture, with optional 1-inch thick, 1.0 pcf EPS holey board and surfacing of Celcore PVA Curing Compound.	(Optional) Min. 0.5-inch Tapered ISO GARD GL or Tapered ISO GARD CG	I.S.O. Stick, Twin Jet, Twin Jet Y, I.S.O. Twin Pack	Min. 2-inch Elevate ISO GARD HD Composite	I.S.O. Stick, Twin Jet, Twin Jet Y, I.S.O. Twin Pack	XR-TJ (RIBBON, 6 or SPATTER)	-82.5
LWC-57	Structural concrete	Min. 350 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture, with optional 1-inch thick, 1.0 pcf EPS holey board and surfacing of Celcore PVA Curing Compound.	Min. 1.5-inch ISO GARD GL or ISO GARD CG	I.S.O. Stick, Twin Jet, Twin Jet Y, I.S.O. Twin Pack	Optional additional layers of base insulation or min. 0.5-inch Tapered ISO GARD GL or ISO GARD CG followed by min. 0.5-inch Elevate ISO GARD HD	I.S.O. Stick, Twin Jet, Twin Jet Y, I.S.O. Twin Pack	XR-TJ (RIBBON, 6 or SPATTER)	-82.5

TABLE 12A: LIGHTWEIGHT CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER
REFER TO [TABLE VB-2](#) FOR VAPOR BARRIER OPTIONS BETWEEN THE DECK AND THE LWC

System No.	Deck (4.1.2)	Lightweight Concrete (3.1.2)	Base Insulation Layer		Coverboard		Roof Cover (3.1.4)	MDP (psf)
			Type	Attach (3.1.3)	Type	Attach (3.1.3)		
LWC-58	Structural concrete	Min. 350 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture, with optional 1-inch thick, 1.0 pcf EPS holey board and surfacing of Celcore PVA Curing Compound.	Min. 1-inch ISOGARD GL	I.S.O. Stick, Twin Jet, Twin Jet Y, I.S.O. Twin Pack	(Optional) Additional layer of base insulation or min. 0.5-inch Tapered ISOGARD GL	I.S.O. Stick, Twin Jet, Twin Jet Y, I.S.O. Twin Pack	XR-TJ (RIBBON, 6 or SPATTER)	-127.5
LWC-59	Structural concrete	Min. 350 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture, with optional 1-inch thick, 1.0 pcf EPS holey board and surfacing of Celcore PVA Curing Compound.	Min. 1-inch ISOGARD CG	I.S.O. Stick, Twin Jet, Twin Jet Y, I.S.O. Twin Pack	(Optional) Additional layer of base insulation or min. 0.5-inch Tapered ISOGARD CG	I.S.O. Stick, Twin Jet, Twin Jet Y, I.S.O. Twin Pack	XR-TJ (RIBBON, 6 or SPATTER)	-142.5
LWC-60	Structural concrete	Min. 350 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture, with optional 1-inch thick, 1.0 pcf EPS holey board and surfacing of Celcore PVA Curing Compound.	Min. 1-inch ISOGARD GL	I.S.O. Stick, Twin Jet, Twin Jet Y, I.S.O. Twin Pack	(Optional) Additional layer of base insulation or min. 0.5-inch Tapered ISOGARD GL	I.S.O. Stick, Twin Jet, Twin Jet Y, I.S.O. Twin Pack	XR-TJ (RIBBON, 4 or SPATTER)	-172.5
LWC-61	Structural concrete	Min. 350 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture, with optional 1-inch thick, 1.0 pcf EPS holey board and surfacing of Celcore PVA Curing Compound.	Min. 1-inch ISOGARD CG	I.S.O. Stick, Twin Jet, Twin Jet Y, I.S.O. Twin Pack	(Optional) Additional layer of base insulation or min. 0.5-inch Tapered ISOGARD CG	I.S.O. Stick, Twin Jet, Twin Jet Y, I.S.O. Twin Pack	XR-TJ (RIBBON, 4 or SPATTER)	-172.5
LWC-62	Structural concrete	Min. 350 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture, with optional 1-inch thick, 1.0 pcf EPS holey board and surfacing of Celcore PVA Curing Compound.	(Optional) Min. 0.5-inch Tapered ISOGARD GL or Tapered ISOGARD CG	I.S.O. Stick, Twin Jet, Twin Jet Y, I.S.O. Twin Pack	Min. 2-inch Elevate ISOGARD HD Composite	I.S.O. Stick, Twin Jet, Twin Jet Y, I.S.O. Twin Pack	XR-TJ (RIBBON, 4 or SPATTER)	-172.5
LWC-63	Structural concrete	Min. 350 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture, with optional 1-inch thick, 1.0 pcf EPS holey board and surfacing of Celcore PVA Curing Compound.	Min. 1.5-inch ISOGARD GL or ISOGARD CG	I.S.O. Stick, Twin Jet, Twin Jet Y, I.S.O. Twin Pack	Optional additional layers of base insulation or min. 0.5-inch Tapered ISOGARD GL or ISOGARD CG followed by min. 0.5-inch Elevate ISOGARD HD	I.S.O. Stick, Twin Jet, Twin Jet Y, I.S.O. Twin Pack	XR-TJ (RIBBON, 4 or SPATTER)	-172.5
LWC-64	Structural concrete	Min. 350 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture, with optional 1-inch thick, 1.0 pcf EPS holey board and surfacing of Celcore PVA Curing Compound.	Min. 1.5-inch ISOGARD GL or ISOGARD CG	I.S.O. Stick, Twin Jet, Twin Jet Y, I.S.O. Twin Pack	Optional additional layers of base insulation or min. 0.5-inch Tapered ISOGARD GL or ISOGARD CG followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	I.S.O. Stick, Twin Jet, Twin Jet Y, I.S.O. Twin Pack	XR-TJ (RIBBON, 4 or SPATTER)	-172.5

**NEMO EVALUATIONS REPORT**

Report No.: NER-AMZ-001.B.R4

Revision 4: 2026-06-09

Page 99 of 124

Amrize Building Envelope LLC (Elevate)

FL10264-R23



ISO/IEC 17065

PCA-145

TABLE 12A: LIGHTWEIGHT CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)**SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER**REFER TO [TABLE VB-2](#) FOR VAPOR BARRIER OPTIONS BETWEEN THE DECK AND THE LWC

System No.	Deck (4.1.2)	Lightweight Concrete (3.1.2)	Base Insulation Layer		Coverboard		Roof Cover (3.1.4)	MDP (psf)
			Type	Attach (3.1.3)	Type	Attach (3.1.3)		
ELEVATE ULTRAPLY TPO XR / ELEVATE XR BONDING ADHESIVE SYSTEMS:								
CELCORE (NOA 24-0906.02):								
LWC-65	Structural concrete	Min. 350 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture, with optional 1-inch thick, 1.0 pcf EPS holey board and surfacing of Celcore PVA Curing Compound.	Min. 1-inch ISOGARD GL	I.S.O. Twin Pack	(Optional) Additional layer of base insulation or min. 0.5-inch Tapered ISOGARD GL	I.S.O. Twin Pack	XR-XRBA	-112.5
LWC-66	Structural concrete	Min. 350 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture, with optional 1-inch thick, 1.0 pcf EPS holey board and surfacing of Celcore PVA Curing Compound.	Min. 1-inch ISOGARD CG	I.S.O. Twin Pack	(Optional) Additional layer of base insulation or min. 0.5-inch Tapered ISOGARD CG	I.S.O. Twin Pack	XR-XRBA	-142.5
LWC-67	Structural concrete	Min. 350 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture, with optional 1-inch thick, 1.0 pcf EPS holey board and surfacing of Celcore PVA Curing Compound.	(Optional) Min. 0.5-inch Tapered ISOGARD GL or Tapered ISOGARD CG	I.S.O. Twin Pack	Min. 2-inch Elevate ISOGARD HD Composite	I.S.O. Twin Pack	XR-XRBA	-217.5
LWC-68	Structural concrete	Min. 350 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture, with optional 1-inch thick, 1.0 pcf EPS holey board and surfacing of Celcore PVA Curing Compound.	Min. 1.5-inch ISOGARD GL or ISOGARD CG	I.S.O. Twin Pack	Optional additional layers of base insulation or min. 0.5-inch Tapered ISOGARD GL or ISOGARD CG followed by min. 0.5-inch Elevate ISOGARD HD	I.S.O. Twin Pack	XR-XRBA	-217.5
LWC-69	Structural concrete	Min. 350 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture, with optional 1-inch thick, 1.0 pcf EPS holey board and surfacing of Celcore PVA Curing Compound.	Min. 1.5-inch ISOGARD GL or ISOGARD CG	I.S.O. Twin Pack	Optional additional layers of base insulation or min. 0.5-inch Tapered ISOGARD GL or ISOGARD CG followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	I.S.O. Twin Pack	XR-XRBA	-217.5
LWC-70	Structural concrete	Min. 350 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture, with optional 1-inch thick, 1.0 pcf EPS holey board and surfacing of Celcore PVA Curing Compound.	Min. 1-inch ISOGARD GL	I.S.O. Stick, Twin Jet, Twin Jet Y	(Optional) Additional layer of base insulation or min. 0.5-inch Tapered ISOGARD GL	I.S.O. Stick, Twin Jet, Twin Jet Y	XR-XRBA	-112.5
LWC-71	Structural concrete	Min. 350 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture, with optional 1-inch thick, 1.0 pcf EPS holey board and surfacing of Celcore PVA Curing Compound.	Min. 1-inch ISOGARD CG	I.S.O. Stick, Twin Jet, Twin Jet Y	(Optional) Additional layer of base insulation or min. 0.5-inch Tapered ISOGARD CG	I.S.O. Stick, Twin Jet, Twin Jet Y	XR-XRBA	-142.5
LWC-72	Structural concrete	Min. 350 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture, with optional 1-inch thick, 1.0 pcf EPS holey board and surfacing of Celcore PVA Curing Compound.	(Optional) Min. 0.5-inch Tapered ISOGARD GL or Tapered ISOGARD CG	I.S.O. Stick, Twin Jet, Twin Jet Y	Min. 2-inch Elevate ISOGARD HD Composite	I.S.O. Stick, Twin Jet, Twin Jet Y	XR-XRBA	-187.5

**NEMO EVALUATIONS REPORT**

Report No.: NER-AMZ-001.B.R4

Revision 4: 2026-06-09

Page 100 of 124

Amrize Building Envelope LLC (Elevate)

FL10264-R23



ISO/IEC 17065

PCA-145

TABLE 12A: LIGHTWEIGHT CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)**SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER**REFER TO [TABLE VB-2](#) FOR VAPOR BARRIER OPTIONS BETWEEN THE DECK AND THE LWC

System No.	Deck (4.1.2)	Lightweight Concrete (3.1.2)	Base Insulation Layer		Coverboard		Roof Cover (3.1.4)	MDP (psf)
			Type	Attach (3.1.3)	Type	Attach (3.1.3)		
LWC-73	Structural concrete	Min. 350 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture, with optional 1-inch thick, 1.0 pcf EPS holey board and surfacing of Celcore PVA Curing Compound.	Min. 1.5-inch ISOgard GL or ISOgard CG	I.S.O. Stick, Twin Jet, Twin Jet Y	Optional additional layers of base insulation or min. 0.5-inch Tapered ISOgard GL or ISOgard CG followed by min. 0.5-inch Elevate ISOgard HD	I.S.O. Stick, Twin Jet, Twin Jet Y	XR-XRBA	-187.5
LWC-74	Structural concrete	Min. 350 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture, with optional 1-inch thick, 1.0 pcf EPS holey board and surfacing of Celcore PVA Curing Compound.	Min. 1.5-inch ISOgard GL or ISOgard CG	I.S.O. Stick, Twin Jet, Twin Jet Y	Optional additional layers of base insulation or min. 0.5-inch Tapered ISOgard GL or ISOgard CG followed by Min. 0.25-inch DensDeck Prime or SECURock Gypsum-Fiber Roof Board	I.S.O. Stick, Twin Jet, Twin Jet Y	XR-XRBA	-187.5

TABLE 12B: LIGHTWEIGHT CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)**SYSTEM TYPE F: LWC-TO-DECK, BONDED ROOF COVER**REFER TO [TABLE VB-2](#) FOR VAPOR BARRIER OPTIONS BETWEEN THE DECK AND THE LWC

System No.	Deck (4.1.2)	Lightweight Concrete (3.1.2)	Roof Cover (3.1.4)	MDP (psf)
ELEVATE ULTRAPLY TPO SYSTEMS:				
CELCORE (NOA 24-0906.02):				
LWC-75	Structural concrete	Min. 350 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture, with optional 1-inch thick, 1.0 pcf EPS holey board and surfacing of Celcore PVA Curing Compound.	BB-UPBA	-247.5
PRE-EXISTENT CELLULAR CONCRETE (3.1.2(E)):				
LWC-76	Min. 22 ga., Type B, Grade 33 vented steel deck at max. 5 ft spans or structural concrete	Pre-existent Min. 200 psi, min. 2-inch thick Approved cellular LWIC with optional 1-inch thick, 1.0 pcf EPS holey board.	BB-UPBA	-67.5
LWC-77	Min. 22 ga., Type B, Grade 33 vented steel deck at max. 5 ft spans or structural concrete	Pre-existent Min. 200 psi, min. 2-inch thick Approved cellular LWIC with optional 1-inch thick, 1.0 pcf EPS holey board. When walkable, LWC is mechanically attached with Elevate Insulation Fastening Plate with Elevate HD Fastener at a density of 1 per 2.0 ft ² .	BB-UPBA	-135.0
ELEVATE ULTRAPLY TPO XR SYSTEMS:				
CELCORE (NOA 24-0906.02):				
LWC-78	Min. 22 ga., Type B, Grade 33 vented steel deck at max. 6 ft spans or structural concrete	Min. 200 psi, min. 2-inch thick Celcore Cellular Concrete with optional 1-inch thick, 1.0 pcf EPS holey board.	XR-XRBA	-45.0
LWC-79	Min. 22 ga., Type B, Grade 33 vented steel deck at max. 6 ft spans welded 6-inch o.c. with 3/8-inch welding washers and two Traxx/1 screws at sidelap even btwn spans	Min. 350 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture, with optional 1-inch thick, 1.0 pcf EPS holey board and surfacing of Celcore PVA Curing Compound.	XR-XRBA	-52.5

TABLE 12B: LIGHTWEIGHT CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE F: LWC-TO-DECK, BONDED ROOF COVER
REFER TO [TABLE VB-2](#) FOR VAPOR BARRIER OPTIONS BETWEEN THE DECK AND THE LWC

System No.	Deck (4.1.2)	Lightweight Concrete (3.1.2)	Roof Cover (3.1.4)	MDP (psf)
LWC-80	Min. 22 ga., Type B, Grade 33 vented steel deck at max. 6 ft spans attached 6-inch o.c. with Traxx/5 screws and one Traxx/1 screw at sidelap midspan	Min. 350 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture, with optional 1-inch thick, 1.0 pcf EPS holey board and surfacing of Celcore PVA Curing Compound.	XR-XRBA	-60.0
LWC-81	Structural concrete	Min. 350 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture, with optional 1-inch thick, 1.0 pcf EPS holey board and surfacing of Celcore PVA Curing Compound.	XR-XRSMA (RIBBON, 4)	-75.0
LWC-82	Min. 22 ga., Type B, Grade 33 vented steel deck at max. 5 ft spans attached 6-inch o.c. with Traxx/5 screws and one Traxx/1 screw at sidelap midspan	Min. 350 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture, with optional 1-inch thick, 1.0 pcf EPS holey board and surfacing of Celcore PVA Curing Compound.	XR-XRBA	-82.5
LWC-83	Min. 22 ga., Type B, Grade 33 vented steel deck at max. 4 ft spans attached 6-inch o.c. with Traxx/5 screws and one Traxx/1 screw at sidelap midspan	Min. 350 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture, with optional 1-inch thick, 1.0 pcf EPS holey board and surfacing of Celcore PVA Curing Compound.	XR-XRBA	-90.0
LWC-84	Min. 22 ga., Type B, Grade 33 vented steel deck at max. 6 ft spans or structural concrete	Min. 200 psi, min. 2-inch thick Celcore Cellular Concrete with optional 1-inch thick, 1.0 pcf EPS holey board. When walkable, LWC is mechanically attached with Elevate Insulation Fastening Plate with Elevate HD Fastener at a density of 1 per 2.0 ft ² .	XR-XRBA	-90.0
LWC-85	Min. 22 ga., Type B, Grade 33 vented steel deck at max. 6 ft spans welded 6-inch o.c. with 3/8-inch welding washers and two Traxx/1 screws at sidelap even btwn spans	Min. 350 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture, with optional 1-inch thick, 1.0 pcf EPS holey board and surfacing of Celcore PVA Curing Compound. When walkable, LWC is mechanically attached with Elevate Insulation Fastening Plate with Elevate HD Fastener at a density of 1 per 2.0 ft ² .	XR-XRBA	-90.0
LWC-86	Structural concrete	Min. 350 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture, with optional 1-inch thick, 1.0 pcf EPS holey board and surfacing of Celcore PVA Curing Compound.	XR-XRBA	-90.0
ELASTIZELL (NOA 23-0817.05):				
LWC-87	Min. 22 ga., Type B, Grade 33 vented steel deck at max. 6 ft spans welded 6-inch o.c. with 3/8-inch welding washers and two Traxx/1 screws at sidelap even btwn spans	Min. 250 psi, min. 2-inch thick Elastizell Range II Lightweight Insulating Concrete with optional 1-inch thick, 1.0 pcf EPS holey board.	XR-XRBA	-37.5 (NO HVHZ)
LWC-88	Min. 22 ga., Type B, Grade 33 vented steel deck at max. 6 ft spans welded 6-inch o.c. with 3/8-inch welding washers and two Traxx/1 screws at sidelap even btwn spans	Min. 250 psi, min. 2-inch thick Elastizell Range II Lightweight Insulating Concrete with optional 1-inch thick, 1.0 pcf EPS holey board. When walkable, LWC is mechanically attached with Elevate Insulation Fastening Plate with Elevate HD Fastener at a density of 1 per 2.0 ft ² .	XR-XRBA	-82.5
LWC-89	Structural concrete	Min. 250 psi, min. 2-inch thick Elastizell Range II Lightweight Insulating Concrete with 1-inch thick, 1.0 pcf EPS holey board.	XR-XRBA	-90.0

**NEMO EVALUATIONS REPORT**

Report No.: NER-AMZ-001.B.R4

Revision 4: 2026-06-09

Page 102 of 124

Amrize Building Envelope LLC (Elevate)

FL10264-R23



ISO/IEC 17065

PCA-145

TABLE 12B: LIGHTWEIGHT CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)**SYSTEM TYPE F: LWC-TO-DECK, BONDED ROOF COVER**REFER TO [TABLE VB-2](#) FOR VAPOR BARRIER OPTIONS BETWEEN THE DECK AND THE LWC

System No.	Deck (4.1.2)	Lightweight Concrete (3.1.2)	Roof Cover (3.1.4)	MDP (psf)
LWC-90	Structural concrete	Min. 250 psi, min. 2-inch thick Elastizell Range II Lightweight Insulating Concrete. No EPS holey board.	XR-XRBA	-210.0
PRE-EXISTENT CELLULAR CONCRETE (3.1.2(d)):				
LWC-91	Min. 22 ga., Type B, Grade 33 vented steel deck at max. 6 ft spans or structural concrete	Pre-existent Min. 250 psi, min. 2-inch thick Approved cellular LWIC with optional 1-inch thick, 1.0 pcf EPS holey board. When walkable, LWC is mechanically attached with Elevate Insulation Fastening Plate with Elevate HD Fastener at a density of 1 per 2.0 ft ² .	XR-XRBA	-75.0
	NOTE: To qualify the LWIC under this assembly, the subject fastener shall achieve an average withdrawal of 100 lbf when tested per 4.2.2 .			
LWC-92	Structural concrete	Pre-existent Min. 250 psi, min. 2-inch thick Approved cellular LWIC.	XR-XRBA	-467.5
	NOTE: To qualify the LWIC under this assembly, a Trufast FM-90 Fastener shall achieve an average withdrawal of 95 lbf when tested per 4.2.2 .			

TABLE 13A: CEMENTITIOUS WOOD FIBER DECKS - REROOF (TEAR-OFF)**SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck (4.1.2, 4.2.2)	Base Insulation Layer		Top Insulation Layer		Roof Cover (3.1.4)	MDP (psf)
		Type	Attach (3.1.3)	Type	Attach (3.1.3)		
ELEVATE ULTRAPLY TPO SYSTEMS:							
CWF-1.	Existing Tectum	Min. 1.5-inch ISOGARD GL	I.S.O. Stick, Twin Jet, Twin Jet Y	(Optional) Min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	I.S.O. Stick, Twin Jet, Twin Jet Y	BB-JBSA or BB-UPBA	-45.0
CWF-2.	Existing Tectum	Min. 1.5-inch ISOGARD GL	I.S.O. Stick, Twin Jet, Twin Jet Y	(Optional) Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	I.S.O. Stick, Twin Jet, Twin Jet Y	BB-LVOC-1168	-45.0
CWF-3.	Existing Tectum	Min. 1.5-inch ISOGARD GL	I.S.O. Stick, Twin Jet, Twin Jet Y	Min. 0.25-inch DEXcell FA Glass Mat Roof Board of min. 7/16-inch DEXcell Cement Roof Board	I.S.O. Stick, Twin Jet	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-45.0
CWF-4.	Existing Tectum	Min. 1.5-inch ISOGARD GL	Twin Jet Y	(Optional) Min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Twin Jet Y	BB-JBSA or BB-UPBA	-52.5
CWF-5.	Existing Tectum	Min. 1.5-inch ISOGARD GL	Twin Jet Y	(Optional) Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Twin Jet Y	BB-LVOC-1168	-52.5
CWF-6.	Existing Tectum	Min. 1-inch ISOGARD GL	I.S.O. Spray R, I.S.O. Twin Pack	None	I.S.O. Spray R, I.S.O. Twin Pack	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-75.0

**NEMO EVALUATIONS REPORT**

Report No.: NER-AMZ-001.B.R4

Revision 4: 2026-06-09

Page 103 of 124

Amrize Building Envelope LLC (Elevate)

FL10264-R23



ISO/IEC 17065 PCA-145

**TABLE 13A: CEMENTITIOUS WOOD FIBER DECKS - REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck (4.1.2, 4.2.2)	Base Insulation Layer		Top Insulation Layer		Roof Cover (3.1.4)	MDP (psf)
		Type	Attach (3.1.3)	Type	Attach (3.1.3)		
CWF-7.	Existing Tectum	Min. 0.5-inch ISOGARD GL	I.S.O. Spray R, I.S.O. Twin Pack	Min. 0.5-inch ISOGARD GL	I.S.O. Spray R, I.S.O. Twin Pack	BB-JBSA	-82.5
CWF-8.	Existing Tectum	Min. 0.5-inch ISOGARD GL	I.S.O. Spray R, I.S.O. Twin Pack	Min. 0.5-inch ISOGARD GL	I.S.O. Spray R, I.S.O. Twin Pack	BB-LVOC, BB-LVOC-1168 or BB-UPBA	-92.5
ELEVATE ULTRAPLY TPO XR / JET BOND SPRAY ADHESIVE SYSTEMS:							
CWF-9.	Existing Tectum	Min. 0.5-inch ISOGARD GL	I.S.O. Spray R, I.S.O. Twin Pack	(Optional) Min. 0.5-inch ISOGARD GL	I.S.O. Spray R, I.S.O. Twin Pack	XR-JBSA	-67.5
ELEVATE ULTRAPLY TPO XR / TWIN JET OR ELEVATE XR STICK MEMBRANE ADHESIVE SYSTEMS:							
CWF-10.	Existing Tectum	Min. 1-inch ISOGARD GL	I.S.O. Spray R, I.S.O. Twin Pack	None	I.S.O. Spray R, I.S.O. Twin Pack	XR-TJ or XR-TJY (RIBBON, 6)	-45.0
CWF-11.	Existing Tectum	Min. 0.5-inch ISOGARD GL	I.S.O. Spray R, I.S.O. Twin Pack	Min. 0.5-inch ISOGARD GL	I.S.O. Spray R, I.S.O. Twin Pack	XR-TJ or XR-TJY (RIBBON, 6)	-45.0
CWF-12.	Existing Tectum	Min. 1-inch ISOGARD GL	I.S.O. Spray R, I.S.O. Twin Pack	None	I.S.O. Spray R, I.S.O. Twin Pack	XR-TJ (RIBBON, 6) or XR Stick (RIBBON, 6)	-75.0
CWF-13.	Existing Tectum	Min. 0.5-inch ISOGARD GL	I.S.O. Spray R, I.S.O. Twin Pack	Min. 0.5-inch ISOGARD GL	I.S.O. Spray R, I.S.O. Twin Pack	XR-TJ (RIBBON, 6) or XR Stick (RIBBON, 6)	-82.5

**TABLE 13B: CEMENTITIOUS WOOD FIBER DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE B-3: MECHANICALLY ATTACHED ANCHOR SHEET, BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck (4.1.2)	Anchor Sheet			Base Insulation		Top Insulation		Roof Cover (3.1.4)	MDP (psf)
		Type	Fastener (4.2.2)	Attach	Type	Attach (3.1.3)	Type	Attach (3.1.3)		
CWF-14.	Existing Tectum	SBS Base, SBS Premium Base, MB Base or APP 160	Two Piece Locking Nail	9-inch o.c. in the min. 2-inch lap and 18-inch o.c. in two, equally spaced center rows	Min. 1.5-inch ISOGARD GL	I.S.O. Stick, Twin Jet, Twin Jet Y	(Optional) Min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	I.S.O. Stick, Twin Jet, Twin Jet Y	BB-JBSA or BB-UPBA	-45.0*
CWF-15.	Existing Tectum	SBS Base, SBS Premium Base, MB Base or APP 160	Two Piece Locking Nail	9-inch o.c. in the min. 2-inch lap and 18-inch o.c. in two, equally spaced center rows	Min. 1.5-inch ISOGARD GL	I.S.O. Stick, Twin Jet, Twin Jet Y	(Optional) Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	I.S.O. Stick, Twin Jet, Twin Jet Y	BB-LVOC-1168	-45.0*

**NEMO EVALUATIONS REPORT**

Report No.: NER-AMZ-001.B.R4

Revision 4: 2026-06-09

Page 104 of 124

Amrize Building Envelope LLC (Elevate)

FL10264-R23



ISO/IEC 17065

PCA-145

TABLE 13B: CEMENTITIOUS WOOD FIBER DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE B-3: MECHANICALLY ATTACHED ANCHOR SHEET, BONDED INSULATION(S), BONDED ROOF COVER

System No.	Deck (4.1.2)	Anchor Sheet			Base Insulation		Top Insulation		Roof Cover (3.1.4)	MDP (psf)
		Type	Fastener (4.2.2)	Attach	Type	Attach (3.1.3)	Type	Attach (3.1.3)		
CWF-16.	Existing Tectum	SBS Base, SBS Premium Base, MB Base or APP 160	Two Piece Locking Nail	9-inch o.c. in the min. 2-inch lap and 18-inch o.c. in two, equally spaced center rows	Min. 1.5-inch ISO GARD GL	I.S.O. Stick, Twin Jet, Twin Jet Y	Min. 0.25-inch DEXcell FA Glass Mat Roof Board of min. 7/16-inch DEXcell Cement Roof Board	I.S.O. Stick, Twin Jet	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-45.0*

TABLE 14A: GYPSUM DECKS - REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER

System No.	Deck (4.1.2) , 4.2.2	Base Insulation Layer		Top Insulation Layer		Roof Cover (3.1.4)	MDP (psf)
		Type	Attach (3.1.3)	Type	Attach (3.1.3)		
ELEVATE ULTRAPLY TPO SYSTEMS:							
G-1.	Existing gypsum deck	Min. 1.5-inch ISOGARD GL	I.S.O. Twin Pack	(Optional) Additional layers of base insulation	I.S.O. Twin Pack	BB-JBSA, BB-LVOC-1168 or BB-UPBA	-165.0
G-2.	Existing gypsum deck	Min. 1.5-inch ISOGARD GL	I.S.O. Twin Pack	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	I.S.O. Twin Pack	BB-JBSA, BB-LVOC-1168 or BB-UPBA	-127.5
G-3.	Existing gypsum deck	Min. 1.5-inch ISOGARD GL	I.S.O. Twin Pack	Min. 0.25-inch DEXcell FA Glass Mat Roof Board of min. 7/16-inch DEXcell Cement Roof Board	I.S.O. Twin Pack	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-127.5
G-4.	Existing gypsum deck	Min. 1.5-inch ISOGARD GL	I.S.O. Twin Pack	Min. 0.25-inch DensDeck or SECUROCK Gypsum-Fiber Roof Board	I.S.O. Twin Pack	BB-JBSA or BB-UPBA	-157.5
G-5.	Existing gypsum deck	(Optional) Min. 1.5-inch ISOGARD GL	I.S.O. Twin Pack	Min. 0.5-inch Elevate ISOGARD HD	I.S.O. Twin Pack	BB-JBSA	-172.5
G-6.	Existing gypsum deck	(Optional) Min. 1.5-inch ISOGARD GL	I.S.O. Twin Pack	Min. 0.5-inch Elevate ISOGARD HD	I.S.O. Twin Pack	BB-UPBA	-230.0
G-7.	Existing gypsum deck	Min. 1.5-inch ISOGARD GL	Twin Jet Y (RIBBON-2)	(Optional) Additional layers base insulation	Twin Jet Y (RIBBON-2)	BB-JBSA, BB-LVOC-1168 or BB-UPBA	-257.5
G-8.	Existing gypsum deck	Min. 1.5-inch ISOGARD GL	Twin Jet Y (RIBBON-2)	Min. 0.25-inch DensDeck or SECUROCK Gypsum-Fiber Roof Board	Twin Jet Y (RIBBON-2)	BB-JBSA or BB-UPBA	-195.0

**NEMO EVALUATIONS REPORT**

Report No.: NER-AMZ-001.B.R4

Revision 4: 2026-06-09

Page 105 of 124

Amrize Building Envelope LLC (Elevate)

FL10264-R23



ISO/IEC 17065



PCA-145

TABLE 14A: GYPSUM DECKS - REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER

System No.	Deck (4.1.2 , 4.2.2)	Base Insulation Layer		Top Insulation Layer		Roof Cover (3.1.4)	MDP (psf)
		Type	Attach (3.1.3)	Type	Attach (3.1.3)		
G-9.	Existing gypsum deck	Min. 1.5-inch ISOGARD GL	Twin Jet Y (RIBBON-2)	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Twin Jet Y (RIBBON-2)	BB-JBSA, BB-LVOC-1168 or BB-UPBA	-240.0
G-10.	Existing gypsum deck	Min. 1.5-inch ISOGARD GL	I.S.O. Stick, Twin Jet	(Optional) Min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	I.S.O. Stick, Twin Jet	BB-JBSA or BB-UPBA	-112.5
G-11.	Existing gypsum deck	Min. 1.5-inch ISOGARD GL	I.S.O. Stick, Twin Jet	(Optional) Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	I.S.O. Stick, Twin Jet	BB-LVOC-1168	-112.5
G-12.	Existing gypsum deck	Min. 1.5-inch ISOGARD GL	I.S.O. Stick, Twin Jet	Min. 0.25-inch DEXcell FA Glass Mat Roof Board of min. 7/16-inch DEXcell Cement Roof Board	I.S.O. Stick, Twin Jet	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-112.5
G-13.	Existing gypsum deck	Min. 1.5-inch ISOGARD GL	Twin Jet Y (SPATTER)	(Optional) Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Twin Jet Y (SPATTER)	BB-JBSA, BB-LVOC-1168 or BB-UPBA	-45.0
G-14.	Existing gypsum deck	Min. 1.5-inch ISOGARD GL	Twin Jet Y (SPATTER)	Min. 0.25-inch DEXcell FA Glass Mat Roof Board of min. 7/16-inch DEXcell Cement Roof Board	Twin Jet Y (SPATTER)	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-45.0
G-15.	Existing gypsum deck	Min. 1.5-inch ISOGARD GL	Twin Jet Y	(Optional) Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Twin Jet Y	BB-JBSA, BB-LVOC-1168 or BB-UPBA	-112.5
G-16.	Existing gypsum deck	Min. 1.5-inch ISOGARD GL	Twin Jet Y	Min. 0.25-inch DEXcell FA Glass Mat Roof Board of min. 7/16-inch DEXcell Cement Roof Board	Twin Jet Y	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-112.5
ELEVATE ULTRAPLY TPO XR SYSTEMS:							
G-17.	Existing gypsum deck	(Optional) Min. 1.5-inch ISOGARD GL	I.S.O. Twin Pack	Min. 0.5-inch Elevate ISOGARD HD	I.S.O. Twin Pack	XR-TJ (RIBBON, 4)	-172.5
G-18.	Existing gypsum deck	(Optional) Min. 1.5-inch ISOGARD GL	I.S.O. Twin Pack	Min. 0.5-inch Elevate ISOGARD HD	I.S.O. Twin Pack	XR-JBSA or XR-XRSM (RIBBON, 4)	-230.0
G-19.	Existing gypsum deck	Min. 1.5-inch ISOGARD GL	Twin Jet Y (SPATTER)	(Optional) Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Twin Jet Y (SPATTER)	XR-TJ (RIBBON, 4 or SPATTER), XR-TJY (RIBBON, 4 or SPATTER)	-45.0
G-20.	Existing gypsum deck	Min. 1.5-inch ISOGARD GL	Twin Jet Y (SPATTER)	Min. 0.25-inch DEXcell FA Glass Mat Roof Board of min. 7/16-inch DEXcell Cement Roof Board	Twin Jet Y (SPATTER)	XR-TJ (RIBBON, 4 or SPATTER), XR-TJY (RIBBON, 4 or SPATTER)	-45.0
G-21.	Existing gypsum deck	Min. 1.5-inch ISOGARD GL	Twin Jet Y	(Optional) Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Twin Jet Y	XR-TJ (RIBBON, 4 or SPATTER), XR-TJY (RIBBON, 4 or SPATTER)	-112.5

**NEMO EVALUATIONS REPORT**

Report No.: NER-AMZ-001.B.R4

Revision 4: 2026-06-09

Page 106 of 124

Amrize Building Envelope LLC (Elevate)

FL10264-R23



ISO/IEC 17065



PCA-145

TABLE 14A: GYPSUM DECKS - REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER

System No.	Deck (4.1.2), 4.2.2)	Base Insulation Layer		Top Insulation Layer		Roof Cover (3.1.4)	MDP (psf)
		Type	Attach (3.1.3)	Type	Attach (3.1.3)		
G-22.	Existing gypsum deck	Min. 1.5-inch ISOGARD GL	Twin Jet Y	Min. 0.25-inch DEXcell FA Glass Mat Roof Board of min. 7/16-inch DEXcell Cement Roof Board	Twin Jet Y	XR-TJ (RIBBON, 4 or SPATTER), XR-TJY (RIBBON, 4 or SPATTER)	-112.5

TABLE 14B: GYPSUM DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE B-3: MECHANICALLY ATTACHED ANCHOR SHEET, BONDED INSULATION(S), BONDED ROOF COVER

System No.	Deck (4.1.2)	Anchor Sheet			Base Insulation		Top Insulation		Roof Cover (3.1.4)	MDP (psf)
		Type	Fastener (4.2.2)	Attach	Type	Attach (3.1.3)	Type	Attach (3.1.3)		
G-23.	Existing gypsum deck	SBS Base, SBS Premium Base, MB Base or APP 160	Two Piece Locking Nail	9-inch o.c. in the min. 2-inch lap and 18-inch o.c. in two, equally spaced center rows	Min. 1.5-inch ISOGARD GL	I.S.O. Stick, Twin Jet, Twin Jet Y	(Optional) Min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	I.S.O. Stick, Twin Jet, Twin Jet Y	BB-JBSA or BB-UPBA	-45.0*
G-24.	Existing gypsum deck	SBS Base, SBS Premium Base, MB Base or APP 160	Two Piece Locking Nail	9-inch o.c. in the min. 2-inch lap and 18-inch o.c. in two, equally spaced center rows	Min. 1.5-inch ISOGARD GL	I.S.O. Stick, Twin Jet, Twin Jet Y	(Optional) Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	I.S.O. Stick, Twin Jet, Twin Jet Y	BB-LVOC-1168	-45.0*

TABLE 14c: GYPSUM DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE F: NON-INSULATED, BONDED ROOF COVER

System No.	Deck (4.1.2)	Roof Cover (3.1.4)	MDP (psf)
G-25.	Existing gypsum deck	XR-TJY (SPATTER)	-45.0
G-26.	Existing gypsum deck	XR-TJ (SPATTER)	-272.5

**NEMO EVALUATIONS REPORT**

Report No.: NER-AMZ-001.B.R4

Revision 4: 2026-06-09

Page 107 of 124

Amrize Building Envelope LLC (Elevate)

FL10264-R23



ISO/IEC 17065

PCA-145

TABLE 15A: RECOVER APPLICATIONS
SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER

^A The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See 4.1.2) or performance of the substrate (See 4.2.2). 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 (4.1.2, 4.2.2)	Base Insulation Layer		Top Insulation Layer		Roof Cover (3.1.4)	MDP (psf)^A
		Type	Attach (3.1.3)	Type	Attach (3.1.3)		
ELEVATE ULTRAPLY TPO SYSTEMS:							
R-1	Existing asphaltic BUR or granule surface modified bitumen	Min. 1.5-inch ISOGARD GL	Hot Asphalt	(Optional) Tapered ISOGARD GL	Hot asphalt	BB-JBSA, BB-LVOC-1168 or BB-UPBA	-180.0
R-2	Existing asphaltic BUR or granule surface modified bitumen	Min. 1.5-inch ISOGARD GL with optional Tapered ISOGARD GL	Hot Asphalt	Min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Hot Asphalt	BB-JBSA or BB-UPBA	-195.0
R-3	Existing asphaltic BUR or granule surface modified bitumen	Min. 1.5-inch ISOGARD GL with optional Tapered ISOGARD GL	Hot Asphalt	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Hot Asphalt	BB-LVOC-1168	-195.0
R-4	Existing asphaltic BUR or granule surface modified bitumen	Min. 1.5-inch ISOGARD GL with optional Tapered ISOGARD GL	Hot Asphalt	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	Hot Asphalt	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-195.0
R-5	Existing asphaltic BUR or granule surface modified bitumen	Min. 1.5-inch ISOGARD GL	I.S.O. Spray R, I.S.O. Twin Pack	(Optional) Min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	I.S.O. Spray R, I.S.O. Twin Pack	BB-JBSA or BB-UPBA	-157.5
R-6	Existing asphaltic BUR or granule surface modified bitumen	Min. 1.5-inch ISOGARD GL	I.S.O. Spray R, I.S.O. Twin Pack	(Optional) Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	I.S.O. Spray R, I.S.O. Twin Pack	BB-LVOC-1168	-157.5
R-7	Existing asphaltic BUR or granule surface modified bitumen	Min. 1.5-inch ISOGARD GL	I.S.O. Spray R, I.S.O. Twin Pack	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	I.S.O. Spray R, I.S.O. Twin Pack	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-157.5
R-8	Existing asphaltic BUR or granule surface modified bitumen	(Optional) Min. 1.5-inch ISOGARD GL	I.S.O. Spray R, I.S.O. Twin Pack	Min. 0.5-inch Elevate ISOGARD HD	I.S.O. Spray R, I.S.O. Twin Pack	BB-JBSA, BB-LVOC-1168 or BB-UPBA	-157.5
R-9	Existing granule surface modified bitumen	Min. 1-inch ISOGARD GL or ISOGARD CG	I.S.O. Spray R, I.S.O. Twin Pack	(Optional) Additional layers of base insulation and/or min. 0.5-inch Tapered ISOGARD GL or Tapered ISOGARD CG	I.S.O. Spray R, I.S.O. Twin Pack	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-262.5
R-10	Existing granule surface modified bitumen	Min. 1-inch ISOGARD GL or ISOGARD CG	I.S.O. Spray R, I.S.O. Twin Pack	Optional additional layers of base insulation or min. 0.5-inch Tapered ISOGARD GL or Tapered ISOGARD CG; Min. 0.5-inch Elevate ISOGARD HD	I.S.O. Spray R, I.S.O. Twin Pack	BB-JBSA	-172.5

[BACK TO TOP](#)[LINK TO TOP OF ATTACHMENT REQUIREMENTS](#)

©NEMO. All rights reserved.

TABLE 15A: RECOVER APPLICATIONS
SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER

^A The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See 4.1.2) or performance of the substrate (See 4.2.2). 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 (4.1.2, 4.2.2)	Base Insulation Layer		Top Insulation Layer		Roof Cover (3.1.4)	MDP (psf) ^A
		Type	Attach (3.1.3)	Type	Attach (3.1.3)		
R-11	Existing granule surface modified bitumen	Min. 1-inch ISOGARD GL or ISOGARD CG	I.S.O. Spray R, I.S.O. Twin Pack	Optional additional layers of base insulation or min. 0.5-inch Tapered ISOGARD GL or Tapered ISOGARD CG; Min. 0.5-inch Elevate ISOGARD HD	I.S.O. Spray R, I.S.O. Twin Pack	BB-LVOC, BB-LVOC-1168 or BB-UPBA	-262.5
R-12	Existing granule surface modified bitumen	Min. 1-inch ISOGARD GL or ISOGARD CG	I.S.O. Spray R, I.S.O. Twin Pack	Optional additional layers of base insulation or min. 0.5-inch Tapered ISOGARD GL or Tapered ISOGARD CG; Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	I.S.O. Spray R, I.S.O. Twin Pack	BB-JBSA, BB-LVOC or BB-UPBA	-247.5
R-13	Existing granule surface modified bitumen	Min. 1-inch ISOGARD GL or ISOGARD CG	I.S.O. Spray R, I.S.O. Twin Pack	Optional additional layers of base insulation or min. 0.5-inch Tapered ISOGARD GL or Tapered ISOGARD CG; Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	I.S.O. Spray R, I.S.O. Twin Pack	BB-JBSA, BB-LVOC-1168 or BB-UPBA	-262.5
R-14	Existing granule surface modified bitumen	Min. 1-inch ISOGARD GL or ISOGARD CG	I.S.O. Spray R, I.S.O. Twin Pack	Optional additional layers of base insulation or min. 0.5-inch Tapered ISOGARD GL or Tapered ISOGARD CG; Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	I.S.O. Spray R, I.S.O. Twin Pack	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-262.5
R-15	Existing asphaltic BUR or granule surface modified bitumen	Min. 1.5-inch ISOGARD GL	Twin Jet Y	(Optional) Additional layers base insulation	Twin Jet Y	BB-JBSA, BB-LVOC-1168 or BB-UPBA	-262.5
R-16	Existing asphaltic BUR or granule surface modified bitumen	Min. 1.5-inch ISOGARD GL	Twin Jet Y	Min. 0.25-inch DensDeck or SECUROCK Gypsum-Fiber Roof Board	Twin Jet Y	BB-JBSA or BB-UPBA	-195.0
R-17	Existing asphaltic BUR or granule surface modified bitumen	Min. 1.5-inch ISOGARD GL	Twin Jet Y	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Twin Jet Y	BB-JBSA, BB-LVOC-1168 or BB-UPBA	-240.0
R-18	Existing asphaltic BUR	Min. 1.5-inch ISOGARD GL or ISOGARD CG	I.S.O. Stick, Twin Jet, Twin Jet Y	(Optional) Additional layers of base insulation and/or min. 0.5-inch Tapered ISOGARD GL or Tapered ISOGARD CG	I.S.O. Stick, Twin Jet, Twin Jet Y	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-60.0

**NEMO EVALUATIONS REPORT**

Report No.: NER-AMZ-001.B.R4

Revision 4: 2026-06-09

Page 109 of 124

Amrize Building Envelope LLC (Elevate)

FL10264-R23



ISO/IEC 17065

PCA-145

TABLE 15A: RECOVER APPLICATIONS
SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER

^A The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See 4.1.2) or performance of the substrate (See 4.2.2). 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 (4.1.2, 4.2.2)	Base Insulation Layer		Top Insulation Layer		Roof Cover (3.1.4)	MDP (psf) ^A
		Type	Attach (3.1.3)	Type	Attach (3.1.3)		
R-19	Existing granule surface modified bitumen	Min. 1.5-inch ISOGARD GL or ISOGARD CG	I.S.O. Stick, Twin Jet, Twin Jet Y	(Optional) Additional layers of base insulation	I.S.O. Stick, Twin Jet, Twin Jet Y	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-120.0
R-20	Existing asphaltic BUR or granule surface modified bitumen	Min. 1.5-inch ISOGARD GL or ISOGARD CG	I.S.O. Stick, Twin Jet, Twin Jet Y	Optional additional layers of base insulation or min. 0.5-inch Tapered ISOGARD GL or Tapered ISOGARD CG; Min. 0.5-inch Elevate ISOGARD HD	I.S.O. Stick, Twin Jet, Twin Jet Y	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-60.0
R-21	Existing asphaltic BUR	Min. 1.5-inch ISOGARD GL or ISOGARD CG	I.S.O. Stick, Twin Jet, Twin Jet Y	Optional additional layers of base insulation or min. 0.5-inch Tapered ISOGARD GL or Tapered ISOGARD CG; Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	I.S.O. Stick, Twin Jet	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-60.0
R-22	Existing granule surface modified bitumen	Min. 1.5-inch ISOGARD GL or ISOGARD CG	I.S.O. Stick, Twin Jet, Twin Jet Y	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	I.S.O. Stick, Twin Jet	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-120.0
R-23	Existing asphaltic BUR or granule surface modified bitumen	Min. 1.5-inch ISOGARD GL or ISOGARD CG	Twin Jet Y (SPATTER or RIBBON-1)	(Optional) Additional layers of base insulation and/or min. 0.5-inch Tapered ISOGARD GL	Twin Jet Y (SPATTER or RIBBON-1)	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-45.0
R-24	Existing asphaltic BUR or granule surface modified bitumen	Min. 1.5-inch ISOGARD GL or ISOGARD CG	Twin Jet Y (SPATTER)	(Optional) Additional layers of base insulation and/or min. 0.5-inch Tapered ISOGARD CG	Twin Jet Y (SPATTER)	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-45.0
R-25	Existing asphaltic BUR	Min. 1.5-inch ISOGARD GL or ISOGARD CG	Twin Jet Y (SPATTER)	(Optional) Additional layers of base insulation and/or min. 0.5-inch Tapered ISOGARD GL or Tapered ISOGARD CG	Twin Jet Y (SPATTER)	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-45.0
R-26	Existing granule surface modified bitumen	Min. 1.5-inch ISOGARD GL or ISOGARD CG	Twin Jet Y (SPATTER)	(Optional) Additional layers of base insulation	Twin Jet Y (SPATTER)	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-45.0
R-27	Existing asphaltic BUR or granule surface modified bitumen	Min. 1.5-inch ISOGARD GL or ISOGARD CG	Twin Jet Y (SPATTER)	Optional additional layers of base insulation or min. 0.5-inch Tapered ISOGARD GL or Tapered ISOGARD CG; Min. 0.5-inch Elevate ISOGARD HD	Twin Jet Y (SPATTER)	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-45.0

TABLE 15A: RECOVER APPLICATIONS
SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER

^A The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See 4.1.2) or performance of the substrate (See 4.2.2). 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 (4.1.2, 4.2.2)	Base Insulation Layer		Top Insulation Layer		Roof Cover (3.1.4)	MDP (psf) ^A
		Type	Attach (3.1.3)	Type	Attach (3.1.3)		
R-28	Existing asphaltic BUR	Min. 1.5-inch ISOGARD GL or ISOGARD CG	Twin Jet Y (SPATTER)	Optional additional layers of base insulation or min. 0.5-inch Tapered ISOGARD GL or Tapered ISOGARD CG; Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	Twin Jet Y (SPATTER)	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-45.0
R-29	Existing granule surface modified bitumen	Min. 1.5-inch ISOGARD GL or ISOGARD CG	Twin Jet Y (SPATTER)	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	Twin Jet Y (SPATTER)	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-45.0
R-30	Existing asphaltic BUR	Min. 1.5-inch ISOGARD GL or ISOGARD CG	Twin Jet Y	Optional additional layers of base insulation or min. 0.5-inch Tapered ISOGARD GL or Tapered ISOGARD CG; Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	Twin Jet Y	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-60.0
R-31	Existing granule surface modified bitumen	Min. 1.5-inch ISOGARD GL or ISOGARD CG	Twin Jet Y	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	Twin Jet Y	BB-JBSA, BB-LVOC, BB-LVOC-1168 or BB-UPBA	-120.0
ELEVATE ULTRAPLY TPO XR / HOT ASPHALT SYSTEMS:							
R-32	Existing granule surface modified bitumen	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Hot Asphalt	None	N/A	XR-HA	-457.5
R-33	Existing granule surface modified bitumen	Min. 1-inch ISOGARD GL or ISOGARD CG	I.S.O. Spray R, I.S.O. Twin Pack	Optional additional layers of base insulation or min. 0.5-inch Tapered ISOGARD GL or ISOGARD CG followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	I.S.O. Spray R, I.S.O. Twin Pack	XR-HA	-262.5
R-34	Existing granule surface modified bitumen	Min. 1-inch ISOGARD GL or ISOGARD CG	I.S.O. Stick, Twin Jet	Optional additional layers of base insulation or min. 0.5-inch Tapered ISOGARD GL or ISOGARD CG followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	I.S.O. Stick, Twin Jet	XR-HA	-352.5
R-35	Existing granule surface modified bitumen	Min. 1-inch ISOGARD GL or ISOGARD CG	Twin Jet Y (SPATTER)	Optional additional layers of base insulation or min. 0.5-inch Tapered ISOGARD GL or ISOGARD CG followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Twin Jet Y (SPATTER)	XR-HA	-45.0

**NEMO EVALUATIONS REPORT**

Report No.: NER-AMZ-001.B.R4

Revision 4: 2026-06-09

Page 111 of 124

Amrize Building Envelope LLC (Elevate)

FL10264-R23



ISO/IEC 17065

PCA-145

TABLE 15A: RECOVER APPLICATIONS
SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER

^A The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See 4.1.2) or performance of the substrate (See 4.2.2). 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 (4.1.2, 4.2.2)	Base Insulation Layer		Top Insulation Layer		Roof Cover (3.1.4)	MDP (psf) ^A
		Type	Attach (3.1.3)	Type	Attach (3.1.3)		
R-36	Existing granule surface modified bitumen	Min. 1-inch ISOGARD GL or ISOGARD CG	Twin Jet Y	Optional additional layers of base insulation or min. 0.5-inch Tapered ISOGARD GL or ISOGARD CG followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Twin Jet Y	XR-HA	-217.5
ELEVATE ULTRAPLY TPO XR / JET BOND SPRAY ADHESIVE SYSTEMS:							
R-37	Existing asphaltic BUR or existing granule surface modified bitumen	Min. 1-inch ISOGARD GL or ISOGARD CG	I.S.O. Stick, I.S.O. Spray R, I.S.O. Twin Pack, Twin Jet, Twin Jet Y	(Optional) Additional layer of base insulation or min. 0.5-inch Tapered ISOGARD GL or ISOGARD CG	I.S.O. Stick, I.S.O. Spray R, I.S.O. Twin Pack, Twin Jet, Twin Jet Y	XR-JBSA	-172.5
R-38	Existing asphaltic BUR or existing granule surface modified bitumen	(Optional) Min. 1-inch ISOGARD GL or ISOGARD CG	I.S.O. Stick, I.S.O. Spray R, I.S.O. Twin Pack, Twin Jet, Twin Jet Y	Optional additional layers of base insulation or min. 0.5-inch Tapered ISOGARD GL or ISOGARD CG followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board, min. 19/32-inch plywood or min. 0.5-inch Elevate ISOGARD HD	I.S.O. Stick, I.S.O. Spray R, I.S.O. Twin Pack, Twin Jet, Twin Jet Y	XR-JBSA	-172.5
R-39	Existing asphaltic BUR or existing granule surface modified bitumen	Min. 1-inch ISOGARD GL or ISOGARD CG	Twin Jet Y (SPATTER)	(Optional) Additional layer of base insulation or min. 0.5-inch Tapered ISOGARD GL or ISOGARD CG	Twin Jet Y (SPATTER)	XR-JBSA	-45.0
R-40	Existing asphaltic BUR or existing granule surface modified bitumen	(Optional) Min. 1-inch ISOGARD GL or ISOGARD CG	Twin Jet Y (SPATTER)	Optional additional layers of base insulation or min. 0.5-inch Tapered ISOGARD GL or ISOGARD CG followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board, or min. 0.5-inch Elevate ISOGARD HD	Twin Jet Y (SPATTER)	XR-JBSA	-45.0
ELEVATE ULTRAPLY TPO XR / I.S.O. SPRAY R OR ELEVATE XR STICK MEMBRANE ADHESIVE SYSTEMS:							
R-41	Existing asphaltic BUR	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch Elevate ISOGARD HD	I.S.O. Stick, I.S.O. Spray R, I.S.O. Twin Pack, Twin Jet, Twin Jet Y	None	N/A	XR-ISOSR (RIBBON, 4) or XR-XRSMA (RIBBON, 4)	-45.0
R-42	Existing granule surface modified bitumen	Min. 0.5-inch Elevate ISOGARD HD	I.S.O. Spray R, 6-inch o.c.	None	N/A	XR-ISOSR (RIBBON, 6) or XR-XRSMA (RIBBON, 6)	-82.5
R-43	Existing granule surface modified bitumen	Min. 1.5-inch ISOGARD GL or ISOGARD CG	I.S.O. Stick, I.S.O. Spray R, I.S.O. Twin Pack, Twin Jet, Twin Jet Y	(Optional) Additional layer of base insulation or min. 0.5-inch Tapered ISOGARD GL or ISOGARD CG	I.S.O. Stick, I.S.O. Spray R, I.S.O. Twin Pack, Twin Jet, Twin Jet Y	XR-ISOSR (RIBBON, 6) or XR-XRSMA (RIBBON, 6)	-142.5

TABLE 15A: RECOVER APPLICATIONS
SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER

^A The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See 4.1.2) or performance of the substrate (See 4.2.2). 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 (4.1.2, 4.2.2)	Base Insulation Layer		Top Insulation Layer		Roof Cover (3.1.4)	MDP (psf) ^A
		Type	Attach (3.1.3)	Type	Attach (3.1.3)		
R-44	Existing granule surface modified bitumen	Min. 1.5-inch ISOGARD GL or ISOGARD CG	I.S.O. Stick, I.S.O. Spray R, I.S.O. Twin Pack, Twin Jet, Twin Jet Y	(Optional) Additional layer of base insulation or min. 0.5-inch Tapered ISOGARD GL or ISOGARD CG	I.S.O. Stick, I.S.O. Spray R, I.S.O. Twin Pack, Twin Jet, Twin Jet Y	XR-ISOSR (RIBBON, 4) or XR-XRSMA (RIBBON, 4)	-172.5
R-45	Existing granule surface modified bitumen	Min. 1-inch ISOGARD GL or ISOGARD CG	I.S.O. Stick, I.S.O. Spray R, I.S.O. Twin Pack, Twin Jet, Twin Jet Y	Optional additional layers of base insulation or min. 0.5-inch Tapered ISOGARD GL or ISOGARD CG followed by min. 0.5-inch Elevate ISOGARD HD	I.S.O. Stick, I.S.O. Spray R, I.S.O. Twin Pack, Twin Jet, Twin Jet Y	XR-ISOSR (RIBBON, 12) or XR-XRSMA (RIBBON, 12)	-45.0
R-46	Existing granule surface modified bitumen	Min. 1-inch ISOGARD GL or ISOGARD CG	I.S.O. Stick, I.S.O. Spray R, I.S.O. Twin Pack, Twin Jet, Twin Jet Y	Optional additional layers of base insulation or min. 0.5-inch Tapered ISOGARD GL or ISOGARD CG followed by min. 0.5-inch Elevate ISOGARD HD	I.S.O. Stick, I.S.O. Spray R, I.S.O. Twin Pack, Twin Jet, Twin Jet Y	XR-ISOSR (RIBBON, 6) or XR-XRSMA (RIBBON, 6)	-82.5
R-47	Existing granule surface modified bitumen	Min. 1-inch ISOGARD GL or ISOGARD CG	I.S.O. Stick, I.S.O. Spray R, I.S.O. Twin Pack, Twin Jet, Twin Jet Y	Optional additional layers of base insulation or min. 0.5-inch Tapered ISOGARD GL or ISOGARD CG followed by min. 0.5-inch Elevate ISOGARD HD	I.S.O. Stick, I.S.O. Spray R, I.S.O. Twin Pack, Twin Jet, Twin Jet Y	XR-ISOSR (RIBBON, 4) or XR-XRSMA (RIBBON, 4)	-172.5
R-48	Existing granule surface modified bitumen	Min. 1-inch ISOGARD GL or ISOGARD CG	I.S.O. Stick, I.S.O. Spray R, I.S.O. Twin Pack, Twin Jet, Twin Jet Y	Optional additional layers of base insulation or min. 0.5-inch Tapered ISOGARD GL or ISOGARD CG followed by Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	I.S.O. Stick, I.S.O. Spray R, I.S.O. Twin Pack, Twin Jet	XR-ISOSR (RIBBON, 12) or XR-XRSMA (RIBBON, 12)	-45.0
R-49	Existing granule surface modified bitumen	Min. 1-inch ISOGARD GL or ISOGARD CG	I.S.O. Stick, I.S.O. Spray R, I.S.O. Twin Pack, Twin Jet, Twin Jet Y	Optional additional layers of base insulation or min. 0.5-inch Tapered ISOGARD GL or ISOGARD CG followed by Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	I.S.O. Stick, I.S.O. Spray R, I.S.O. Twin Pack, Twin Jet	XR-ISOSR (RIBBON, 6) or XR-XRSMA (RIBBON, 6)	-60.0
R-50	Existing granule surface modified bitumen	Min. 1-inch ISOGARD GL or ISOGARD CG	I.S.O. Stick, I.S.O. Spray R, I.S.O. Twin Pack, Twin Jet, Twin Jet Y	Optional additional layers of base insulation or min. 0.5-inch Tapered ISOGARD GL or ISOGARD CG followed by Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	I.S.O. Stick, I.S.O. Spray R, I.S.O. Twin Pack, Twin Jet	XR-ISOSR (RIBBON, 4) or XR-XRSMA (RIBBON, 4)	-172.5

TABLE 15A: RECOVER APPLICATIONS
SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER

^A The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See 4.1.2) or performance of the substrate (See 4.2.2). 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 (4.1.2, 4.2.2)	Base Insulation Layer		Top Insulation Layer		Roof Cover (3.1.4)	MDP (psf) ^A
		Type	Attach (3.1.3)	Type	Attach (3.1.3)		
R-51	Existing granule surface modified bitumen	Min. 1-inch ISOGARD GL or ISOGARD CG	I.S.O. Stick, I.S.O. Spray R, I.S.O. Twin Pack, Twin Jet, Twin Jet Y	Optional additional layers of base insulation or min. 0.5-inch Tapered ISOGARD GL or ISOGARD CG followed by min. 19/32-inch plywood	I.S.O. Stick, I.S.O. Spray R, I.S.O. Twin Pack, Twin Jet	XR-ISOSR (RIBBON, 12) or XR-XRSMA (RIBBON, 12)	-45.0
R-52	Existing asphaltic BUR	Min. 1-inch ISOGARD GL	I.S.O. Stick, I.S.O. Spray R, I.S.O. Twin Pack, Twin Jet, Twin Jet Y	(Optional) Min. 0.5-inch Elevate ISOGARD HD or Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 19/32-inch plywood	I.S.O. Stick, I.S.O. Spray R, I.S.O. Twin Pack, Twin Jet	XR-ISOSR (RIBBON, 4) or XR-XRSMA (RIBBON, 4)	-172.5
R-53	Existing asphaltic BUR	Min. 0.5-inch Elevate ISOGARD HD or Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	I.S.O. Stick, I.S.O. Spray R, I.S.O. Twin Pack, Twin Jet, Twin Jet Y	None	N/A	XR-ISOSR (RIBBON, 4) or XR-XRSMA (RIBBON, 4)	-172.5
R-54	Existing granule surface modified bitumen	Min. 1-inch ISOGARD GL or ISOGARD CG	Twin Jet Y (SPATTER or RIBBON-1)	Optional additional layers of base insulation or min. 0.5-inch Tapered ISOGARD GL or ISOGARD CG followed by Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	Twin Jet Y (SPATTER or RIBBON-1)	XR-ISOSR (RIBBON, 12) or XR-XRSMA (RIBBON, 12)	-45.0
R-55	Existing granule surface modified bitumen	Min. 1.5-inch ISOGARD GL or ISOGARD CG	Twin Jet Y (SPATTER)	(Optional) Additional layer of base insulation or min. 0.5-inch Tapered ISOGARD GL or ISOGARD CG	Twin Jet Y (SPATTER)	XR-ISOSR (RIBBON, 6) or XR-XRSMA (RIBBON, 6)	-45.0
R-56	Existing granule surface modified bitumen	Min. 1.5-inch ISOGARD GL or ISOGARD CG	Twin Jet Y (SPATTER)	(Optional) Additional layer of base insulation or min. 0.5-inch Tapered ISOGARD GL or ISOGARD CG	Twin Jet Y (SPATTER)	XR-ISOSR (RIBBON, 4) or XR-XRSMA (RIBBON, 4)	-45.0
R-57	Existing granule surface modified bitumen	Min. 1-inch ISOGARD GL or ISOGARD CG	Twin Jet Y (SPATTER)	Optional additional layers of base insulation or min. 0.5-inch Tapered ISOGARD GL or ISOGARD CG followed by min. 0.5-inch Elevate ISOGARD HD	Twin Jet Y (SPATTER)	XR-ISOSR (RIBBON, 6) or XR-XRSMA (RIBBON, 6)	-45.0
R-58	Existing granule surface modified bitumen	Min. 1-inch ISOGARD GL or ISOGARD CG	Twin Jet Y (SPATTER)	Optional additional layers of base insulation or min. 0.5-inch Tapered ISOGARD GL or ISOGARD CG followed by min. 0.5-inch Elevate ISOGARD HD	Twin Jet Y (SPATTER)	XR-ISOSR (RIBBON, 4) or XR-XRSMA (RIBBON, 4)	-45.0
R-59	Existing granule surface modified bitumen	Min. 1-inch ISOGARD GL or ISOGARD CG	Twin Jet Y (SPATTER)	Optional additional layers of base insulation or min. 0.5-inch Tapered ISOGARD GL or ISOGARD CG followed by Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	Twin Jet Y (SPATTER)	XR-ISOSR (RIBBON, 6) or XR-XRSMA (RIBBON, 6)	-45.0

**NEMO EVALUATIONS REPORT**

Report No.: NER-AMZ-001.B.R4

Revision 4: 2026-06-09

Page 114 of 124

Amrize Building Envelope LLC (Elevate)

FL10264-R23



ISO/IEC 17065

PCA-145

TABLE 15A: RECOVER APPLICATIONS
SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER

^A The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See 4.1.2) or performance of the substrate (See 4.2.2). 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 (4.1.2, 4.2.2)	Base Insulation Layer		Top Insulation Layer		Roof Cover (3.1.4)	MDP (psf) ^A
		Type	Attach (3.1.3)	Type	Attach (3.1.3)		
R-60	Existing granule surface modified bitumen	Min. 1-inch ISOGARD GL or ISOGARD CG	Twin Jet Y (SPATTER)	Optional additional layers of base insulation or min. 0.5-inch Tapered ISOGARD GL or ISOGARD CG followed by Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	Twin Jet Y (SPATTER)	XR-ISOSR (RIBBON, 4) or XR-XRSMA (RIBBON, 4)	-45.0
R-61	Existing asphaltic BUR	Min. 1-inch ISOGARD GL	Twin Jet Y (SPATTER)	(Optional) Min. 0.5-inch Elevate ISOGARD HD or Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Twin Jet Y (SPATTER)	XR-ISOSR (RIBBON, 4) or XR-XRSMA (RIBBON, 4)	-45.0
R-62	Existing asphaltic BUR	Min. 0.5-inch Elevate ISOGARD HD or Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Twin Jet Y (SPATTER)	None	N/A	XR-ISOSR (RIBBON, 4) or XR-XRSMA (RIBBON, 4)	-45.0
R-63	Existing granule surface modified bitumen	Min. 1-inch ISOGARD GL or ISOGARD CG	Twin Jet Y	Optional additional layers of base insulation or min. 0.5-inch Tapered ISOGARD GL or ISOGARD CG followed by Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	Twin Jet Y	XR-ISOSR (RIBBON, 6) or XR-XRSMA (RIBBON, 6)	-60.0
R-64	Existing granule surface modified bitumen	Min. 1-inch ISOGARD GL or ISOGARD CG	Twin Jet Y	Optional additional layers of base insulation or min. 0.5-inch Tapered ISOGARD GL or ISOGARD CG followed by Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	Twin Jet Y	XR-ISOSR (RIBBON, 4) or XR-XRSMA (RIBBON, 4)	-172.5
R-65	Existing asphaltic BUR	Min. 1-inch ISOGARD GL	Twin Jet Y	(Optional) Min. 0.5-inch Elevate ISOGARD HD or Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Twin Jet Y	XR-ISOSR (RIBBON, 4) or XR-XRSMA (RIBBON, 4)	-172.5
ELEVATE ULTRAPLY TPO XR / TWIN JET SYSTEMS:							
R-66	Existing asphaltic BUR	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch Elevate ISOGARD HD	I.S.O. Stick, I.S.O. Spray R, I.S.O. Twin Pack, Twin Jet, Twin Jet Y	None	N/A	XR-TJ or XR-TJY (RIBBON, 4 or SPATTER)	-45.0
R-67	Existing granule surface modified bitumen	Min. 0.5-inch Elevate ISOGARD HD	I.S.O. Spray R, 6-inch o.c.	None	N/A	XR-TJ or XR-TJY (RIBBON, 6 or SPATTER)	-82.5

**NEMO EVALUATIONS REPORT**

Report No.: NER-AMZ-001.B.R4

Revision 4: 2026-06-09

Page 115 of 124

Amrize Building Envelope LLC (Elevate)

FL10264-R23



ISO/IEC 17065

PCA-145

TABLE 15A: RECOVER APPLICATIONS
SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER

^A The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See 4.1.2) or performance of the substrate (See 4.2.2). 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 (4.1.2, 4.2.2)	Base Insulation Layer		Top Insulation Layer		Roof Cover (3.1.4)	MDP (psf) ^A
		Type	Attach (3.1.3)	Type	Attach (3.1.3)		
R-68	Existing granule surface modified bitumen	Min. 1.5-inch ISOGARD GL	I.S.O. Stick, I.S.O. Spray R, I.S.O. Twin Pack, Twin Jet, Twin Jet Y	(Optional) Additional layer of base insulation or min. 0.5-inch Tapered ISOGARD GL	I.S.O. Stick, I.S.O. Spray R, I.S.O. Twin Pack, Twin Jet, Twin Jet Y	XR-TJ or XR-TJY (RIBBON, 6)	-127.5
R-69	Existing granule surface modified bitumen	Min. 1.5-inch ISOGARD CG	I.S.O. Stick, I.S.O. Spray R, I.S.O. Twin Pack, Twin Jet, Twin Jet Y	(Optional) Additional layer of base insulation or min. 0.5-inch Tapered ISOGARD CG	I.S.O. Stick, I.S.O. Spray R, I.S.O. Twin Pack, Twin Jet, Twin Jet Y	XR-TJ or XR-TJY (RIBBON, 6)	-142.5
R-70	Existing granule surface modified bitumen	Min. 1.5-inch ISOGARD GL or ISOGARD CG	I.S.O. Stick, I.S.O. Spray R, I.S.O. Twin Pack, Twin Jet, Twin Jet Y	(Optional) Additional layer of base insulation or min. 0.5-inch Tapered ISOGARD GL or ISOGARD CG	I.S.O. Stick, I.S.O. Spray R, I.S.O. Twin Pack, Twin Jet, Twin Jet Y	XR-TJ or XR-TJY (RIBBON, 4 or SPATTER)	-172.5
R-71	Existing granule surface modified bitumen	Min. 1-inch ISOGARD GL or ISOGARD CG	I.S.O. Stick, I.S.O. Spray R, I.S.O. Twin Pack, Twin Jet, Twin Jet Y	Optional additional layers of base insulation or min. 0.5-inch Tapered ISOGARD GL or ISOGARD CG followed by min. 0.5-inch Elevate ISOGARD HD	I.S.O. Stick, I.S.O. Spray R, I.S.O. Twin Pack, Twin Jet, Twin Jet Y	XR-TJ or XR-TJY (RIBBON, 6)	-82.5
R-72	Existing granule surface modified bitumen	Min. 1-inch ISOGARD GL or ISOGARD CG	I.S.O. Stick, I.S.O. Spray R, I.S.O. Twin Pack, Twin Jet, Twin Jet Y	Optional additional layers of base insulation or min. 0.5-inch Tapered ISOGARD GL or ISOGARD CG followed by min. 0.5-inch Elevate ISOGARD HD	I.S.O. Stick, I.S.O. Spray R, I.S.O. Twin Pack, Twin Jet, Twin Jet Y	XR-TJ or XR-TJY (RIBBON, 4 or SPATTER)	-172.5
R-73	Existing granule surface modified bitumen	Min. 1-inch ISOGARD GL or ISOGARD CG	I.S.O. Stick, I.S.O. Spray R, I.S.O. Twin Pack, Twin Jet, Twin Jet Y	Optional additional layers of base insulation or min. 0.5-inch Tapered ISOGARD GL or ISOGARD CG followed by Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	I.S.O. Stick, I.S.O. Spray R, I.S.O. Twin Pack, Twin Jet, Twin Jet Y	XR-TJ or XR-TJY (RIBBON, 12)	-45.0
R-74	Existing granule surface modified bitumen	Min. 1-inch ISOGARD GL or ISOGARD CG	I.S.O. Stick, I.S.O. Spray R, I.S.O. Twin Pack, Twin Jet, Twin Jet Y	Optional additional layers of base insulation or min. 0.5-inch Tapered ISOGARD GL or ISOGARD CG followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	I.S.O. Stick, I.S.O. Spray R, I.S.O. Twin Pack, Twin Jet, Twin Jet Y	XR-TJ or XR-TJY (RIBBON, 6)	-60.0

TABLE 15A: RECOVER APPLICATIONS
SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER

^A The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See 4.1.2) or performance of the substrate (See 4.2.2). 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 (4.1.2, 4.2.2)	Base Insulation Layer		Top Insulation Layer		Roof Cover (3.1.4)	MDP (psf) ^A
		Type	Attach (3.1.3)	Type	Attach (3.1.3)		
R-75	Existing granule surface modified bitumen	Min. 1-inch ISOGARD GL or ISOGARD CG	I.S.O. Stick, I.S.O. Spray R, I.S.O. Twin Pack, Twin Jet, Twin Jet Y	Optional additional layers of base insulation or min. 0.5-inch Tapered ISOGARD GL or ISOGARD CG followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	I.S.O. Stick, I.S.O. Spray R, I.S.O. Twin Pack, Twin Jet, Twin Jet Y	XR-TJ or XR-TJY (RIBBON, 4 or SPATTER)	-172.5
R-76	Existing granule surface modified bitumen	Min. 1-inch ISOGARD GL or ISOGARD CG	I.S.O. Stick, I.S.O. Spray R, I.S.O. Twin Pack, Twin Jet, Twin Jet Y	Optional additional layers of base insulation or min. 0.5-inch Tapered ISOGARD GL or ISOGARD CG followed by min. 19/32-inch plywood	I.S.O. Stick, I.S.O. Spray R, I.S.O. Twin Pack, Twin Jet	XR-TJ or XR-TJY (RIBBON, 6)	-45.0
R-77	Existing asphaltic BUR	Min. 1-inch ISOGARD GL	I.S.O. Stick, I.S.O. Spray R, I.S.O. Twin Pack, Twin Jet, Twin Jet Y	(Optional) Min. 0.5-inch Elevate ISOGARD HD or Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 19/32-inch plywood	I.S.O. Stick, I.S.O. Spray R, I.S.O. Twin Pack, Twin Jet	XR-TJ or XR-TJY (RIBBON, 4 or SPATTER)	-172.5
R-78	Existing asphaltic BUR	Min. 0.5-inch Elevate ISOGARD HD or Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	I.S.O. Stick, I.S.O. Spray R, I.S.O. Twin Pack, Twin Jet, Twin Jet Y	None	N/A	XR-TJ or XR-TJY (RIBBON, 4 or SPATTER)	-172.5
R-79	Existing granule surface modified bitumen	Min. 1.5-inch ISOGARD GL	Twin Jet Y (SPATTER)	(Optional) Additional layer of base insulation or min. 0.5-inch Tapered ISOGARD GL	Twin Jet Y (SPATTER)	XR-TJ or XR-TJY (RIBBON, 6)	-45.0
R-80	Existing granule surface modified bitumen	Min. 1.5-inch ISOGARD CG	Twin Jet Y (SPATTER)	(Optional) Additional layer of base insulation or min. 0.5-inch Tapered ISOGARD CG	Twin Jet Y (SPATTER)	XR-TJ or XR-TJY (RIBBON, 6)	-45.0
R-81	Existing granule surface modified bitumen	Min. 1.5-inch ISOGARD GL or ISOGARD CG	Twin Jet Y (SPATTER)	(Optional) Additional layer of base insulation or min. 0.5-inch Tapered ISOGARD GL or ISOGARD CG	Twin Jet Y (SPATTER)	XR-TJ or XR-TJY (RIBBON, 4 or SPATTER)	-45.0
R-82	Existing granule surface modified bitumen	Min. 1-inch ISOGARD GL or ISOGARD CG	Twin Jet Y (SPATTER)	Optional additional layers of base insulation or min. 0.5-inch Tapered ISOGARD GL or ISOGARD CG followed by min. 0.5-inch Elevate ISOGARD HD	Twin Jet Y (SPATTER)	XR-TJ or XR-TJY (RIBBON, 6)	-45.0
R-83	Existing granule surface modified bitumen	Min. 1-inch ISOGARD GL or ISOGARD CG	Twin Jet Y (SPATTER)	Optional additional layers of base insulation or min. 0.5-inch Tapered ISOGARD GL or ISOGARD CG followed by min. 0.5-inch Elevate ISOGARD HD	Twin Jet Y (SPATTER)	XR-TJ or XR-TJY (RIBBON, 4 or SPATTER)	-45.0

TABLE 15A: RECOVER APPLICATIONS
SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER

^A The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See 4.1.2) or performance of the substrate (See 4.2.2). 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 (4.1.2, 4.2.2)	Base Insulation Layer		Top Insulation Layer		Roof Cover (3.1.4)	MDP (psf) ^A
		Type	Attach (3.1.3)	Type	Attach (3.1.3)		
R-84	Existing granule surface modified bitumen	Min. 1-inch ISOGARD GL or ISOGARD CG	Twin Jet Y (SPATTER)	Optional additional layers of base insulation or min. 0.5-inch Tapered ISOGARD GL or ISOGARD CG followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Twin Jet Y (SPATTER)	XR-TJ or XR-TJY (RIBBON, 6)	-45.0
R-85	Existing granule surface modified bitumen	Min. 1-inch ISOGARD GL or ISOGARD CG	Twin Jet Y (SPATTER)	Optional additional layers of base insulation or min. 0.5-inch Tapered ISOGARD GL or ISOGARD CG followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Twin Jet Y (SPATTER)	XR-TJ or XR-TJY (RIBBON, 4 or SPATTER)	-45.0
R-86	Existing asphaltic BUR	Min. 1-inch ISOGARD GL	Twin Jet Y (SPATTER)	(Optional) Min. 0.5-inch Elevate ISOGARD HD or Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Twin Jet Y (SPATTER)	XR-TJ or XR-TJY (RIBBON, 4 or SPATTER)	-45.0
R-87	Existing asphaltic BUR	Min. 0.5-inch Elevate ISOGARD HD or Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Twin Jet Y (SPATTER)	None	N/A	XR-TJ or XR-TJY (RIBBON, 4 or SPATTER)	-45.0
R-88	Existing asphaltic BUR	Min. 1-inch ISOGARD GL	Twin Jet Y	(Optional) Min. 0.5-inch Elevate ISOGARD HD or Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Twin Jet Y	XR-TJ or XR-TJY (RIBBON, 4 or SPATTER)	-172.5
ELEVATE ULTRAPLY TPO XR / ELEVATE XR BONDING ADHESIVE SYSTEMS:							
R-89	Existing granule-surfaced, asphaltic modified bitumen	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Hot Asphalt	None	N/A	XR-XRBA	-300.0
R-90	Existing granule surface modified bitumen	Min. 1.5-inch ISOGARD GL or ISOGARD CG	I.S.O. Stick, I.S.O. Spray R, I.S.O. Twin Pack, Twin Jet, Twin Jet Y	(Optional) Additional layer of base insulation or min. 0.5-inch Tapered ISOGARD GL or ISOGARD CG	I.S.O. Stick, I.S.O. Spray R, I.S.O. Twin Pack, Twin Jet, Twin Jet Y	XR-XRBA	-112.5
R-91	Existing granule surface modified bitumen	Min. 1-inch ISOGARD GL or ISOGARD CG	I.S.O. Spray R, I.S.O. Twin Pack	Optional additional layers of base insulation or min. 0.5-inch Tapered ISOGARD GL or ISOGARD CG followed by min. 0.5-inch Elevate ISOGARD HD	I.S.O. Spray R, I.S.O. Twin Pack	XR-XRBA	-262.5

**NEMO EVALUATIONS REPORT**

Report No.: NER-AMZ-001.B.R4

Revision 4: 2026-06-09

Page 118 of 124

Amrize Building Envelope LLC (Elevate)

FL10264-R23



ISO/IEC 17065

PCA-145

TABLE 15A: RECOVER APPLICATIONS
SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER

^A The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See 4.1.2) or performance of the substrate (See 4.2.2). 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 (4.1.2, 4.2.2)	Base Insulation Layer		Top Insulation Layer		Roof Cover (3.1.4)	MDP (psf) ^A
		Type	Attach (3.1.3)	Type	Attach (3.1.3)		
R-92	Existing granule surface modified bitumen	Min. 1-inch ISOGARD GL or ISOGARD CG	I.S.O. Spray R, I.S.O. Twin Pack	Optional additional layers of base insulation or min. 0.5-inch Tapered ISOGARD GL/ISOGARD GL or Tapered ISOGARD CG; Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	I.S.O. Spray R, I.S.O. Twin Pack	XR-XRBA	-262.5
R-93	Existing granule surface modified bitumen	Min. 1-inch ISOGARD GL or ISOGARD CG	I.S.O. Stick, Twin Jet, Twin Jet Y	Optional additional layers of base insulation or min. 0.5-inch Tapered ISOGARD GL or ISOGARD CG followed by min. 0.5-inch Elevate ISOGARD HD	I.S.O. Stick, Twin Jet, Twin Jet Y	XR-XRBA	-195.0
R-94	Existing asphaltic BUR	Min. 1-inch ISOGARD GL or ISOGARD CG	I.S.O. Stick, Twin Jet, Twin Jet Y	Optional additional layers of base insulation or min. 0.5-inch Tapered ISOGARD GL or Tapered ISOGARD CG; Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	I.S.O. Stick, Twin Jet, Twin Jet Y	XR-XRBA	-60.0
R-95	Existing granule surface modified bitumen	Min. 1-inch ISOGARD GL or ISOGARD CG	I.S.O. Stick, Twin Jet	Optional additional layers of base insulation or min. 0.5-inch Tapered ISOGARD GL or ISOGARD CG followed by min. 0.5-inch Elevate ISOGARD HD	I.S.O. Stick, Twin Jet	XR-XRBA	-352.5
R-96	Existing granule surface modified bitumen	Min. 1-inch ISOGARD GL or ISOGARD CG	I.S.O. Stick, Twin Jet	Optional additional layers of base insulation or min. 0.5-inch Tapered ISOGARD GL or ISOGARD CG followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	I.S.O. Stick, Twin Jet	XR-XRBA	-300.0
R-97	Existing asphaltic BUR	Min. 1-inch ISOGARD GL or ISOGARD CG	I.S.O. Spray R, 6-inch o.c.	Optional additional layers of base insulation or min. 0.5-inch Tapered ISOGARD GL/ISOGARD GL or Tapered ISOGARD CG; Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	I.S.O. Spray R, 6-inch o.c.	XR-XRBA	-255.0
R-98	Existing granule surface modified bitumen	Min. 1-inch ISOGARD GL or ISOGARD CG	I.S.O. Spray R	Optional additional layers of base insulation or min. 0.5-inch Tapered ISOGARD GL/ISOGARD GL or Tapered ISOGARD CG; Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	I.S.O. Spray R	XR-XRBA	-202.5
R-99	Existing granule surface modified bitumen	Min. 1.5-inch ISOGARD GL or ISOGARD CG	Twin Jet Y (SPATTER)	(Optional) Additional layer of base insulation or min. 0.5-inch Tapered ISOGARD GL or ISOGARD CG	Twin Jet Y (SPATTER)	XR-XRBA	-45.0
R-100	Existing granule surface modified bitumen	Min. 1-inch ISOGARD GL or ISOGARD CG	Twin Jet Y (SPATTER)	Optional additional layers of base insulation or min. 0.5-inch Tapered ISOGARD GL or ISOGARD CG followed by min. 0.5-inch Elevate ISOGARD HD	Twin Jet Y	XR-XRBA	-45.0

**NEMO EVALUATIONS REPORT**

Report No.: NER-AMZ-001.B.R4

Revision 4: 2026-06-09

Page 119 of 124

Amrize Building Envelope LLC (Elevate)

FL10264-R23



ISO/IEC 17065

[PCA-145](#)

TABLE 15A: RECOVER APPLICATIONS
SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER

^A The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See 4.1.2) or performance of the substrate (See 4.2.2). 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 (4.1.2, 4.2.2)	Base Insulation Layer		Top Insulation Layer		Roof Cover (3.1.4)	MDP (psf) ^A
		Type	Attach (3.1.3)	Type	Attach (3.1.3)		
R-101	Existing asphaltic BUR	Min. 1-inch ISOGARD GL or ISOGARD CG	Twin Jet Y (SPATTER)	Optional additional layers of base insulation or min. 0.5-inch Tapered ISOGARD GL or Tapered ISOGARD CG; Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Twin Jet Y (SPATTER)	XR-XRBA	-45.0
R-102	Existing granule surface modified bitumen	Min. 1-inch ISOGARD GL or ISOGARD CG	Twin Jet Y (SPATTER)	Optional additional layers of base insulation or min. 0.5-inch Tapered ISOGARD GL or ISOGARD CG followed by min. 0.5-inch Elevate ISOGARD HD, min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Twin Jet Y (SPATTER)	XR-XRBA	-45.0
R-103	Existing granule surface modified bitumen	Min. 1-inch ISOGARD GL or ISOGARD CG	Twin Jet Y	Optional additional layers of base insulation or min. 0.5-inch Tapered ISOGARD GL or ISOGARD CG followed by min. 0.5-inch Elevate ISOGARD HD, min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Twin Jet Y	XR-XRBA	-217.5
ELEVATE ULTRAPLY TPO SA SYSTEMS:							
R-104	Existing asphaltic BUR or granule surface modified bitumen	Min. 1.5-inch ISOGARD GL	Hot Asphalt	(Optional) Tapered ISOGARD GL	Hot asphalt	SA	-180.0
R-105	Existing asphaltic BUR or granule surface modified bitumen	Min. 1.5-inch ISOGARD GL with optional Tapered ISOGARD GL	Hot Asphalt	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Hot Asphalt	SA	-195.0
R-106	Existing asphaltic BUR or granule surface modified bitumen	Min. 1.5-inch ISOGARD GL	I.S.O. Spray R, I.S.O. Twin Pack	(Optional) Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	I.S.O. Spray R, I.S.O. Twin Pack	SA	-157.5
R-107	Existing asphaltic BUR or granule surface modified bitumen	(Optional) Min. 1.5-inch ISOGARD GL	I.S.O. Spray R, I.S.O. Twin Pack	Min. 0.5-inch Elevate ISOGARD HD	I.S.O. Spray R, I.S.O. Twin Pack	SA	-157.5
R-108	Existing granule surface modified bitumen	Min. 1-inch ISOGARD GL or ISOGARD CG	I.S.O. Spray R, I.S.O. Twin Pack	(Optional) Additional layers of base insulation and/or min. 0.5-inch Tapered ISOGARD GL or Tapered ISOGARD CG	I.S.O. Spray R, I.S.O. Twin Pack	SA	-262.5
R-109	Existing granule surface modified bitumen	Min. 1-inch ISOGARD GL or ISOGARD CG	I.S.O. Spray R, I.S.O. Twin Pack	Optional additional layers of base insulation or min. 0.5-inch Tapered ISOGARD GL or Tapered ISOGARD CG; Min. 0.5-inch Elevate ISOGARD HD	I.S.O. Spray R, I.S.O. Twin Pack	SA	-262.5

TABLE 15A: RECOVER APPLICATIONS
SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER

^A The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See 4.1.2) or performance of the substrate (See 4.2.2). 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 (4.1.2 , 4.2.2)	Base Insulation Layer		Top Insulation Layer		Roof Cover (3.1.4)	MDP (psf) ^A
		Type	Attach (3.1.3)	Type	Attach (3.1.3)		
R-110	Existing granule surface modified bitumen	Min. 1-inch ISOGARD GL or ISOGARD CG	I.S.O. Spray R, I.S.O. Twin Pack	Optional additional layers of base insulation or min. 0.5-inch Tapered ISOGARD GL or Tapered ISOGARD CG; Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	I.S.O. Spray R, I.S.O. Twin Pack	SA	-247.5
R-111	Existing granule surface modified bitumen	Min. 1-inch ISOGARD GL or ISOGARD CG	I.S.O. Spray R, I.S.O. Twin Pack	Optional additional layers of base insulation or min. 0.5-inch Tapered ISOGARD GL or Tapered ISOGARD CG; Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	I.S.O. Spray R, I.S.O. Twin Pack	SA	-262.5
R-112	Existing asphaltic BUR or granule surface modified bitumen	Min. 1.5-inch ISOGARD GL	Twin Jet Y	(Optional) Additional layers base insulation	Twin Jet Y	SA	-262.5
R-113	Existing asphaltic BUR or granule surface modified bitumen	Min. 1.5-inch ISOGARD GL	Twin Jet Y	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Twin Jet Y	SA	-240.0
R-114	Existing asphaltic BUR	Min. 1.5-inch ISOGARD GL or ISOGARD CG	I.S.O. Stick, Twin Jet, Twin Jet Y	(Optional) Additional layers of base insulation and/or min. 0.5-inch Tapered ISOGARD GL or Tapered ISOGARD CG	I.S.O. Stick, Twin Jet, Twin Jet Y	SA	-60.0
R-115	Existing granule surface modified bitumen	Min. 1.5-inch ISOGARD GL or ISOGARD CG	I.S.O. Stick, Twin Jet, Twin Jet Y	(Optional) Additional layers of base insulation	I.S.O. Stick, Twin Jet, Twin Jet Y	SA	-120.0
R-116	Existing asphaltic BUR or granule surface modified bitumen	Min. 1.5-inch ISOGARD GL or ISOGARD CG	I.S.O. Stick, Twin Jet, Twin Jet Y	Optional additional layers of base insulation or min. 0.5-inch Tapered ISOGARD GL or Tapered ISOGARD CG; Min. 0.5-inch Elevate ISOGARD HD	I.S.O. Stick, Twin Jet, Twin Jet Y	SA	-60.0
R-117	Existing asphaltic BUR	Min. 1.5-inch ISOGARD GL or ISOGARD CG	I.S.O. Stick, Twin Jet, Twin Jet Y	Optional additional layers of base insulation or min. 0.5-inch Tapered ISOGARD GL or Tapered ISOGARD CG; Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	I.S.O. Stick, Twin Jet, Twin Jet Y	SA	-60.0
R-118	Existing granule surface modified bitumen	Min. 1.5-inch ISOGARD GL or ISOGARD CG	I.S.O. Stick, Twin Jet, Twin Jet Y	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	I.S.O. Stick, Twin Jet, Twin Jet Y	SA	-120.0
R-119	Existing asphaltic BUR	Min. 1.5-inch ISOGARD GL or ISOGARD CG	Twin Jet Y (SPATTER)	(Optional) Additional layers of base insulation and/or min. 0.5-inch Tapered ISOGARD GL or Tapered ISOGARD CG	Twin Jet Y (SPATTER)	SA	-45.0

TABLE 15A: RECOVER APPLICATIONS
SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER

^A The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See 4.1.2) or performance of the substrate (See 4.2.2). 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 (4.1.2, 4.2.2)	Base Insulation Layer		Top Insulation Layer		Roof Cover (3.1.4)	MDP (psf) ^A
		Type	Attach (3.1.3)	Type	Attach (3.1.3)		
R-120	Existing granule surface modified bitumen	Min. 1.5-inch ISOGARD GL or ISOGARD CG	Twin Jet Y (SPATTER)	(Optional) Additional layers of base insulation	Twin Jet Y (SPATTER)	SA	-45.0
R-121	Existing asphaltic BUR or granule surface modified bitumen	Min. 1.5-inch ISOGARD GL or ISOGARD CG	Twin Jet Y (SPATTER)	Optional additional layers of base insulation or min. 0.5-inch Tapered ISOGARD GL or Tapered ISOGARD CG; Min. 0.5-inch Elevate ISOGARD HD	Twin Jet Y (SPATTER)	SA	-45.0
R-122	Existing asphaltic BUR	Min. 1.5-inch ISOGARD GL or ISOGARD CG	Twin Jet Y (SPATTER)	Optional additional layers of base insulation or min. 0.5-inch Tapered ISOGARD GL or Tapered ISOGARD CG; Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Twin Jet Y (SPATTER)	SA	-45.0
R-123	Existing granule surface modified bitumen	Min. 1.5-inch ISOGARD GL or ISOGARD CG	Twin Jet Y (SPATTER)	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Twin Jet Y (SPATTER)	SA	-45.0

TABLE 15B: STEEL - RECOVER
SYSTEM TYPE C-2: MECHANICALLY ATTACHED INSULATION, INDUCTION-WELDED ROOF COVER

Note: 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 (4.1.2, 4.2.2)	Insulation Layer (3.1.2)	Attach		Roof Cover (3.1.4c)	MDP (psf)
			Fastener (4.2.2)	Spacing		
R-124	Existing standing seam or lap seam metal roof covers having min. 16 gauge grade 50 steel purlins spaced max. 60-inch o.c.	One or more layers, any combination, prelim. attached	Elevate Purlin Fastener or Elevate Retro Driller and Elevate UltraPly TPO InvisiWeld Plate are fastened through to purlins	18-inch o.c. along purlins	Elevate UltraPly TPO or UltraPly TPO Platinum induction welded to Elevate UltraPly TPO InvisiWeld Plate with RhinoBond Tool in accordance with manufacturer's instructions.	-30.0 (NO HVHZ)
R-125	Existing standing seam or lap seam metal roof covers having min. 16 gauge grade 50 steel purlins spaced max. 60-inch o.c.	One or more layers, any combination, prelim. attached	Elevate Purlin Fastener or Elevate Retro Driller and Elevate UltraPly TPO InvisiWeld Plate are fastened through to purlins	12-inch o.c. along purlins	Elevate UltraPly TPO or UltraPly TPO Platinum induction welded to Elevate UltraPly TPO InvisiWeld Plate with RhinoBond Tool in accordance with manufacturer's instructions.	-45.0
R-126	Existing standing seam or lap seam metal roof covers having min. 16 gauge grade 50 steel purlins spaced max. 120-inch o.c.	One or more layers, any combination, prelim. attached	Elevate Purlin Fastener or Elevate Retro Driller and Elevate UltraPly TPO InvisiWeld Plate are fastened through to purlins	6-inch o.c. along purlins	Elevate UltraPly TPO or UltraPly TPO Platinum induction welded to Elevate UltraPly TPO InvisiWeld Plate with RhinoBond Tool in accordance with manufacturer's instructions.	-52.5

**NEMO EVALUATIONS REPORT**

Report No.: NER-AMZ-001.B.R4

Revision 4: 2026-06-09

Page 122 of 124

Amrize Building Envelope LLC (Elevate)

FL10264-R23



ISO/IEC 17065

PCA-145

TABLE 15b: STEEL - RECOVER**SYSTEM TYPE C-2: MECHANICALLY ATTACHED INSULATION, INDUCTION-WELDED ROOF COVER***Note: 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 (4.1.2, 4.2.2)	Insulation Layer (3.1.2)	Attach		Roof Cover (3.1.4c)	MDP (psf)
			Fastener (4.2.2)	Spacing		
R-127	Existing standing seam or lap seam metal roof covers having min. 16 gauge grade 50 steel purlins spaced max. 60-inch o.c.	One or more layers, any combination, prelim. attached	Elevate Purlin Fastener or Elevate Retro Driller and Elevate UltraPly TPO InvisiWeld Plate are fastened through to purlins	6-inch o.c. along purlins	Elevate UltraPly TPO or UltraPly TPO Platinum induction welded to Elevate UltraPly TPO InvisiWeld Plate with RhinoBond Tool in accordance with manufacturer's instructions.	-82.5

TABLE 15c: STEEL - RECOVER**SYSTEM TYPE D-1: INSULATED, MECHANICALLY ATTACHED ROOF COVER***Note: 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 (4.1.2, 4.2.2)	Insulation Layer		Roof Cover (3.1.4)			MDP (psf)
		Type	Attach (3.1.2)	Membrane	Fastener (4.2.2)	Attach	
R-128	Existing standing seam or lap seam metal roof covers having min. 16 gauge grade 50 steel purlins spaced max. 72-inch o.c.	One or more layers, any combination	prelim. attached	Elevate UltraPly TPO or UltraPly TPO Platinum	Elevate Purlin Fastener and Elevate HD Seam Plate	18-inch o.c. within 6-inch wide laps spaced max. 72-inch o.c. to engage steel purlin. Laps sealed with 1.5-inch heat weld.	-30.0 (NO HVHZ)
R-129	Existing standing seam or lap seam metal roof covers having min. 16 gauge grade 50 steel purlins spaced max. 114-inch o.c.	One or more layers, any combination	prelim. attached	Elevate UltraPly TPO or UltraPly TPO Platinum	Elevate Purlin Fastener and Elevate HD Seam Plate	12-inch o.c. within 6-inch wide laps spaced max. 114-inch o.c. to engage steel purlin. Laps sealed with 1.5-inch heat weld.	-30.0 (NO HVHZ)
R-130	Existing standing seam or lap seam metal roof covers having min. 16 gauge grade 50 steel purlins spaced max. 142-inch o.c.	One or more layers, any combination	prelim. attached	Elevate UltraPly TPO or UltraPly TPO Platinum	Elevate Purlin Fastener and Elevate Coiled Metal Batten Strips	12-inch o.c. within 6-inch wide laps spaced max. 142-inch o.c. to engage steel purlin. Laps sealed with 5-inch heat weld that encapsulates the batten and fasteners or are primed with Elevate UltraPly TPO QuickPrime and sealed with Elevate UltraPly TPO QuickSeam Flashing.	-30.0 (NO HVHZ)
R-131	Existing standing seam or lap seam metal roof covers having min. 16 gauge grade 50 steel purlins spaced max. 90-inch o.c.	One or more layers, any combination	prelim. attached	Elevate UltraPly TPO or UltraPly TPO Platinum	Elevate Purlin Fastener and Elevate HD Seam Plate	12-inch o.c. within 6-inch wide laps spaced max. 90-inch o.c. to engage steel purlin. Laps sealed with 1.5-inch heat weld.	-45.0
R-132	Existing standing seam or lap seam metal roof covers having min. 16 gauge grade 50 steel purlins spaced max. 142-inch o.c.	One or more layers, any combination	prelim. attached	Elevate UltraPly TPO or UltraPly TPO Platinum	Elevate Purlin Fastener and Elevate HD Seam Plate	6-inch o.c. within 6-inch wide laps spaced max. 142-inch o.c. to engage steel purlin. Laps sealed with 1.5-inch heat weld.	-52.5

**NEMO EVALUATIONS REPORT**

Report No.: NER-AMZ-001.B.R4

Revision 4: 2026-06-09

Page 123 of 124

Amrize Building Envelope LLC (Elevate)

FL10264-R23



ISO/IEC 17065

PCA-145

TABLE 15D: STEEL - RECOVER**SYSTEM TYPE D-1: INSULATED, MECHANICALLY ATTACHED ROOF COVER (RMA STRIPS)***Note: 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 (4.1.2, 4.2.2)	Insulation Layer		Roof Cover (3.1.4)			MDP (psf)
		Type	Attach (3.1.2)	Membrane	Fastener (4.2.2)	Attach	
R-133	Existing standing seam or lap seam metal roof covers having min. 16 gauge grade 50 steel purlins spaced max. 10-ft o.c.	One or more layers, any combination	prelim. attached	Elevate UltraPly TPO or UltraPly TPO Platinum	Elevate Purlin Fastener and Elevate Coiled Metal Batten Strip	Elevate UltraPly QuickSeam R.M.A. Strips are applied over the insulation spaced 120-inch o.c. positioned over each steel purlin location. The batten is centered over each strip and fastened into the purlins 6-inch o.c. Roof cover adhered to each strip by first priming the membrane underside with Elevate UltraPly TPO QuickPrime at the strip location, then rolling into place with a hand roller. The min. 2-inch side laps are sealed with a min. 1.5-inch outside heat weld.	-45.0

TABLE 15E: RECOVER APPLICATIONS**SYSTEM TYPE E-1: NON-INSULATED, MECHANICALLY ATTACHED ROOF COVER**

System No.	Substrate (4.1.2, 4.2.2)	Roof Cover (3.1.4)			MDP (psf)
		Membrane	Fastener (4.2.2)	Attach	
R-134	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Elevate UltraPly TPO XR 100, TPO XR 115 or TPO XR 135	Elevate HD Fastener with Elevate HD Seam Plate	12-inch o.c. within 6-inch wide laps spaced 114-inch o.c. Laps sealed with 1.5-inch heat weld.	-30.0 (NO HVHZ)
R-135	Min. 22 ga., Type B, Grade 80 steel	Elevate UltraPly TPO XR 100, TPO XR 115 or TPO XR 135	Elevate HD Plus Fastener with Elevate HD Plus Seam Plate	12-inch o.c. within 6-inch wide laps spaced 114-inch o.c. Laps sealed with 1.5-inch heat weld.	-45.0
R-136	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Elevate UltraPly TPO XR 100, TPO XR 115 or TPO XR 135	Elevate HD Fastener with Elevate HD Seam Plate	6-inch o.c. within 6-inch wide laps spaced 114-inch o.c. Laps sealed with 1.5-inch heat weld.	-45.0
R-137	Min. 22 ga., Type B, Grade 80 steel	Elevate UltraPly TPO XR 100, TPO XR 115 or TPO XR 135	Elevate HD Plus Fastener with Elevate HD Plus Seam Plate	6-inch o.c. within 6-inch wide laps spaced 114-inch o.c. Laps sealed with 1.5-inch heat weld.	-67.5

TABLE 15F: 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 adhered to the substrate, irrespective of the deck type (See 4.1.2) or performance of the substrate (See 4.2.2). 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 (4.1.2, 4.2.2)	Primer	Roof Cover (3.1.4)		MDP (psf) ^A
			Type	Application	
R-138	Existing fully-adhered, granule-surfaced, modified bitumen roof cover	None	Elevate UltraPly TPO XR 100, TPO XR 115 or TPO XR 135	Twin Jet (RIBBON, 4 or SPATTER)	-142.5
R-139	Existing fully-adhered, granule-surfaced, modified bitumen roof cover	None	Elevate UltraPly TPO XR 100, TPO XR 115 or TPO XR 135	I.S.O. Spray R (RIBBON, 6) or XR Stick (RIBBON, 6)	-142.5

**NEMO EVALUATIONS REPORT**

Report No.: NER-AMZ-001.B.R4

Revision 4: 2026-06-09

Page 124 of 124

Amrize Building Envelope LLC (Elevate)

FL10264-R23



ISO/IEC 17065



PCA-145

TABLE 15F: 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 adhered to the substrate, irrespective of the deck type (See 4.1.2) or performance of the substrate (See 4.2.2). 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 (4.1.2, 4.2.2)	Primer	Roof Cover (3.1.4)		MDP (psf) ^A
			Type	Application	
R-140	Existing fully-adhered, asphaltic built-up roof cover	None	Elevate UltraPly TPO XR 100, TPO XR 115 or TPO XR 135	Twin Jet (RIBBON, 4 or SPATTER)	-232.0
R-141	Existing fully-adhered, asphaltic built-up roof cover	None	Elevate UltraPly TPO XR 100, TPO XR 115 or TPO XR 135	XR Stick (RIBBON, 4)	-315.0
R-142	Existing fully-adhered, asphaltic built-up roof cover or existing, fully-adhered, granule-surfaced modified bitumen roof cover	None	Elevate UltraPly TPO XR 100, TPO XR 115 or TPO XR 135	I.S.O. Spray R (RIBBON, 4)	-360.0
R-143	Existing fully-adhered, asphaltic built-up roof cover or existing, fully-adhered, granule-surfaced modified bitumen roof cover	None	Elevate UltraPly TPO XR 100, TPO XR 115 or TPO XR 135	Hot asphalt	-495.0