NEMO|etc.
Certificate of Authorization #32455
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ENGINEER | EVALUATE | TEST | CONSULT

EVALUATION REPORT

Seaman Corporation
1000 Venture Blvd.
Wooster, OH 44691
(800) 927-8578

Evaluation Report S4028.07.05-R18
FL4930-R18 (NON-HVHZ)
Date of Issuance: 07/29/2005
Revision 18: 02/12/2021

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

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

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

CONTINUED COMPLIANCE: This Evaluation Report is valid until such time as the named product(s) changes, the referenced Quality Assurance or production facility location(s) changes, or Code provisions that relate to the product(s) change. Acceptance of our Evaluation Reports by the named client constitutes agreement to notify NEMO ETC, LLC of any changes to the product(s), the Quality Assurance or the production facility location(s). NEMO ETC, LLC requires a complete review of its Evaluation Report relative to updated Code requirements with each Code Cycle.

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

INSPECTION: Upon request, a copy of this entire Evaluation Report shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This Evaluation Report consists of pages 1 through 5, plus a 52-page Appendix.

Prepared by:

Robert J.M. Nieminen, P.E.
Florida Registration No. 59166, Florida DCA ANE1983

The facsimile seal appearing was authorized by Robert Nieminen, P.E. on 02/11/2021. This does not serve as an electronically signed document.

CERTIFICATION OF INDEPENDENCE:

1. NEMO ETC, LLC does not have, nor does it intend to acquire or will it acquire, a financial interest in any company manufacturing or distributing products it evaluates.
2. NEMO ETC, LLC is not owned, operated or controlled by any company manufacturing or distributing products it evaluates.
3. Robert Nieminen, P.E. does not have nor will acquire, a financial interest in any company manufacturing or distributing products for which the evaluation reports are being issued.
4. Robert Nieminen, P.E. does not have, nor will acquire, a financial interest in any other entity involved in the approval process of the product.
5. This is a building code evaluation. Neither NEMO ETC, LLC nor Robert Nieminen, P.E. are, in any way, the Designer of Record for any project on which this Evaluation Report, or previous versions thereof, is/was used for permitting or design guidance unless retained specifically for that purpose.

ROOFING SYSTEMS EVALUATION:

1. SCOPE:

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

2. STANDARDS:

Section	Property	Standard	Year
1504.3.1	Wind resistance	FM 4474	2011
1504.3.1	Wind resistance	UL 1897	2015
1504.6	Physical properties	ASTM G155	2013
1504.7	Impact resistance	FM 4470	2016
1507.11.2	Material standard	ASTM D6163	2015
1507.11.2	Material standard	ASTM D6164	2015
1507.13.2	Material standard	ASTM D6754	2015

3. REFERENCES:

Entity	Examination	Reference	Date
ACRC (TST4671)	Wind	15-027	10/25/2015
ACRC (TST4671)	Wind	15-030	12/14/2015
ACRC (TST4671)	Wind	15-031	12/14/2015
ERD (TST6049)	FM 4470/4474	S5700.06.07-R3	09/06/2007
ERD (TST6049)	FM 4470/4474	S13040.02.09-R1	03/09/2009
ERD (TST6049)	FM 4470/4474	02762.03.05-R2	04/01/2010
ERD (TST6049)	FM 4470/4474	S32410.09.10	09/21/2010
ERD (TST6049)	ASTM D6163	SPL-SC9070.10.15	10/20/2015
ERD (TST6049)	FM 4470/4474	S43840.11.15	11/30/2015
ERD (TST6049)	FM 4470/4474	SMN-SC10155.01.16	01/27/2016
ERD (TST6049)	FM 4470/4474	SFS-SC10010.02.16	02/29/2016
ERD (TST6049)	FM 4470/4474	SMN-SC11005.06.16	06/30/2016
FM Approvals (TST1867)	FM 4470	0R8A9.AM	03/12/1994
FM Approvals (TST1867)	FM 4470	2X2A2.AM	06/17/1994
FM Approvals (TST1867)	FM 4470	2Y0A4.AM	11/01/1994
FM Approvals (TST1867)	FM 4470	0Y7A2.AM	11/28/1994
FM Approvals (TST1867)	FM 4470	1Y7A5.AM	12/29/1995
FM Approvals (TST1867)	FM 4470	1Z2A5.AM	01/12/1996
FM Approvals (TST1867)	FM 4470	1Z3A8.AM	08/13/1997
FM Approvals (TST1867)	FM 4470	0D2A8.AM	02/17/1998
FM Approvals (TST1867)	FM 4470	3003251	10/05/1999
FM Approvals (TST1867)	FM 4470	4D5A4.AM	10/05/1999
FM Approvals (TST1867)	FM 4470	3002471	10/06/1999
FM Approvals (TST1867)	FM 4470	3006872	06/13/2000
FM Approvals (TST1867)	FM 4470	3009071	01/03/2002
FM Approvals (TST1867)	FM 4470	3002416	02/07/2002
FM Approvals (TST1867)	FM 4470	3012321	07/29/2002
FM Approvals (TST1867)	FM 4470	3014050	07/08/2003
FM Approvals (TST1867)	FM 4470	3014692	08/05/2003
FM Approvals (TST1867)	FM 4470	3014751	08/27/2003
FM Approvals (TST1867)	FM 4470	3018579	10/09/2003
FM Approvals (TST1867)	FM 4470/4474	3019317	06/30/2004
FM Approvals (TST1867)	FM 4470/4474	3023458	07/18/2006

Entity	Examination	Reference	Date
FM Approvals (TST1867)	FM 4470/4474	797 (02142-267)	11/15/2006
FM Approvals (TST1867)	FM 4470/4474	3026964	07/25/2007
FM Approvals (TST1867)	FM 4470/4474	3030926	08/07/2007
FM Approvals (TST1867)	FM 4470/4474	3028857	11/02/2007
FM Approvals (TST1867)	FM 4470/4474	3031262	11/30/2007
FM Approvals (TST1867)	FM 4470/4474	3028651	04/17/2008
FM Approvals (TST1867)	FM 4470/4474	3030785	08/12/2008
FM Approvals (TST1867)	FM 4470/4474	3033314	08/26/2008
FM Approvals (TST1867)	FM 4470/4474	3033396	09/04/2009
FM Approvals (TST1867)	FM 4470/4474	3037770	10/22/2009
FM Approvals (TST1867)	FM 4470/4474	3036192	11/23/2009
FM Approvals (TST1867)	FM 4470/4474	3037168	04/12/2010
FM Approvals (TST1867)	FM 4470/4474	3038211	06/30/2010
FM Approvals (TST1867)	FM 4470/4474	797-05989-267	01/04/2011
FM Approvals (TST1867)	FM 4470/4474	3041535	06/08/2011
FM Approvals (TST1867)	FM 4470/4474	3040666	12/13/2011
FM Approvals (TST1867)	FM 4470/4474	3044075	04/06/2012
FM Approvals (TST1867)	FM 4470/4474	3046131	10/17/2012
FM Approvals (TST1867)	FM 4470/4474	3045983	10/18/2012
FM Approvals (TST1867)	FM 4470/4474	3048494	02/26/2013
FM Approvals (TST1867)	FM 4470/4474	3043170	07/18/2013
FM Approvals (TST1867)	FM 4470/4474	3013068	09/23/2013
FM Approvals (TST1867)	FM 4470/4474	797-08623-267	11/07/2013
FM Approvals (TST1867)	FM 4470/4474	3048494	11/19/2013
FM Approvals (TST1867)	FM 4470/4474	3051574	09/11/2014
FM Approvals (TST1867)	FM 4470/4474	797-09846-267	09/23/2014
FM Approvals (TST1867)	FM 4470/4474	3051607	03/25/2015
FM Approvals (TST1867)	FM 4470/4474	3055227	05/21/2015
FM Approvals (TST1867)	FM 4470/4474	3054065	04/05/2016
FM Approvals (TST1867)	FM 4470/4474	3051608	10/26/2016
FM Approvals (TST1867)	FM 4470/4474	3057607	11/22/2016
FM Approvals (TST1867)	FM 4470/4474	3061365	10/25/2017
FM Approvals (TST1867)	FM 4470/4474	3063970	09/14/2018
FM Approvals (TST1867)	FM 4470/4474	RR216730	12/27/2018
FM Approvals (TST1867)	FM 4470/4474	3059662	02/05/2019
FM Approvals (TST1867)	FM 4470/4474	PR450181	05/13/2019
FM Approvals (TST1867)	FM 4470/4474	PR457508	11/30/2020
NEMO (TST6049)	ASTM D6754 (OH & TN)	4S-SMN-18-001.11.18-1	11/17/2018
NEMO (TST11294)	FM 4474	2a-SMN-19-LSWUS-01.A	01/21/2019
NEMO (TST11294)	FM 4474	2a-SMN-19-LSWUS-03.A	03/09/2020
NEMO (TST6049)	Criticality	4i-SMN-20-SSCRT-01.A	08/28/2020
NEMO (TST6049)	ASTM D6754 (OH & TN)	4r-SMN-20-SSTHP-01	10/22/2020
NEMO (TST11294)	FM 4474	2a-SMN-20-LSWUS-02.A	11/05/2020
NEMO (TST11294)	FM 4474	2a-SMN-20-LSWUS-03.A	12/14/2020
NEMO (TST6049)	FM 4474	4a-SMN-20-LSWUS-01	02/10/2021
PRI (TST5878)	FM 4474	SMCP-005-02-01	09/14/2015
PRI (TST5878)	FM 4474	SMCP-006-02-01	03/28/2016
PRI (TST5878)	ASTM D6164	SRI-121-02-01	02/01/2019
UL LLC (TST9628)	UL1897	08CA15815	10/22/2008
FM Approvals (QUA1860)	Quality Control	Inspection Report (OH)	12/13/2019
FM Approvals (QUA1860)	Quality Control	Inspection Report (TN)	01/30/2020
FM Approvals (QUA1860)	Quality Control	Florida BCIS	Current

4. PRODUCT DESCRIPTION:

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

TABLE 1: EVALUATED MEMBRANES

Type	Product		Material Standard			Plant(s)
			Reference	Type	Grade	
Roof Cover or Cap Ply	FiberTite	36-mil	ASTM D6754	N/A	N/A	OH, TN
	FiberTite-SM	45, 60-mil	ASTM D6754	N/A	N/A	OH, TN
	FiberTite-XT	50, 60-mil	ASTM D6754	N/A	N/A	OH, TN
	FiberTite-Xtreme	60-mil	ASTM D6754	N/A	N/A	OH, TN
	FiberTite-FB	36-mil	ASTM D6754	N/A	N/A	OH
	FiberTite-SM FB	45, 60-mil	ASTM D6754	N/A	N/A	OH
	FiberTite-XT FB	50, 60-mil	ASTM D6754	N/A	N/A	OH
	FiberTite-Xtreme FB	60-mil	ASTM D6754	N/A	N/A	OH
Vapor Barrier or Base Ply	FiberTite-SBS Base		ASTM D6163	I	S	AR
	FiberTite-SBS TG Base		ASTM D6163	I	S	AR
	FiberTite-SBS 190 Base		ASTM D6164	I	S	AR
	FiberTite-SBS 190 TG Base		ASTM D6164	I	S	AR
Vapor Barrier	VaporTite		N/A (not codified)			QC

5. LIMITATIONS:

5.1 This is a Building Code Evaluation. Neither NEMO ETC, LLC nor Robert Nieminen, P.E. are, in any way, the Designer of Record for any project on which this Evaluation Report, or previous versions thereof, is/was used for permitting or design guidance unless retained specifically for that purpose.

5.2 This Evaluation Report is not for use in FBC High Velocity Hurricane Zone jurisdictions (i.e., Broward and Miami-Dade Counties).

5.3 This Evaluation Report 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.

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

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

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

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

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

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

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

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

5.7.2 For mechanically attached components or partially-bonded insulation, the maximum design pressure for the selected assembly shall meet or exceed at least the Zone 1 PRIME design pressure determined in accordance with **FBC Chapter 16**. Elevated pressure zones shall employ an attachment density designed by a qualified design professional to resist the elevated pressure criteria. Commonly used methods are **ANSI/SPRI WD1**, **FM Loss Prevention Data Sheet 1-29**, **Roofing Application Standard RAS 117** and **Roofing Application Standard 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 (February 2020)** for Zone 2/3 enhancements.

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

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

6. INSTALLATION:

FiberTite Single Ply Roof Systems shall be installed in accordance with **Seaman Corporation** published installation instructions, subject to the Limitations / Conditions of Use noted herein.

7. BUILDING PERMIT REQUIREMENTS:

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

8. MANUFACTURING PLANTS:

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

9. QUALITY ASSURANCE ENTITY:

FM Approvals – QUA1860; (781) 255-4783

- THE 52-PAGES THAT FOLLOW FORM PART OF THIS EVALUATION REPORT -

APPENDIX 1: ATTACHMENT REQUIREMENTS FOR WIND UPLIFT RESISTANCE

TABLE	DECK	APPLICATION	TYPE	DESCRIPTION	PAGE
1A	Wood	New, Reroof (Tear-Off) or Recover	C-1	Mech. Attached Insulation, Bonded Roof Cover	5
1B	Wood	New, Reroof (Tear-Off) or Recover	C-2	Mech. Attached Thermal Barrier and/or Insulation, Plate-Bonded Roof Cover	5-6
1C	Wood	New, Reroof (Tear-Off) or Recover	D-1	Insulated, Mechanically Attached Roof Cover	6
1D	Wood	New, Reroof (Tear-Off) or Recover	E-1	Non-Insulated, Mechanically Attached Roof Cover	7
2A	Steel or Structural Concrete	New, Reroof (Tear-Off) or Recover	B-1	Mech. Attached Base Insulation, Bonded Top Insulation, Bonded Roof Cover	8-12
2B	Steel or Structural Concrete	New, Reroof (Tear-Off) or Recover	B-1	Mech. Attached Base Insulation, Bonded Top Insulation, Bonded Base Ply(s), Bonded Roof Cover	13
2C	Steel	New or Reroof (Tear-Off)	B-2	Mech. Attached Thermal Barrier, Bonded Temp Roof, Bonded Insulation, Bonded Roof Cover	14-20
2D	Steel or Structural Concrete	New, Reroof (Tear-Off) or Recover	C-1	Mech. Attached Insulation, Bonded Roof Cover	21-23
2E	Steel or Structural Concrete	New, Reroof (Tear-Off) or Recover	C-1	Mech. Attached Insulation, Bonded Base Ply(s), Bonded Roof Cover	23
2F	Steel	New, Reroof (Tear-Off) or Recover	C-2	Mech. Attached Insulation, Plate-Bonded Roof Cover	24-27
2G	Steel	New, Reroof (Tear-Off) or Recover	D-1	Insulated, Mechanically Attached Roof Cover	27-29
3A	Structural Concrete	New or Reroof (Tear-Off)	A-1	Bonded Insulation, Bonded Roof Cover	30-35
3B	Structural Concrete	New or Reroof (Tear-Off)	A-1	Bonded Insulation, Bonded Base Ply(s), Bonded Roof Cover	35-36
3C	Structural Concrete	New, Reroof (Tear-Off) or Recover	C-2	Mech. Attached Insulation, Plate-Bonded Roof Cover	36-38
3D	Structural Concrete	New, Reroof (Tear-Off) or Recover	D-1	Insulated, Mechanically Attached Roof Cover	38-39
3E	Structural Concrete	New or Reroof (Tear-Off)	F	Non-Insulated, Bonded Roof Cover	39
3F	Structural Concrete	New or Reroof (Tear-Off)	G	Optional Insulation, Loose-Laid Roof Cover, Pressure Equalizing Vent	39
4A	Lightweight Concrete	New or Reroof (Tear-Off)	F	Non-Insulated, Bonded Roof Cover	40
5A	Cementitious Wood Fiber	New or Reroof (Tear-Off)	A-1	Bonded Insulation, Bonded Roof Cover	41
5B	Cementitious Wood Fiber	Reroof (Tear-Off) or Recover	D-1	Insulated, Mechanically Attached Roof Cover	41
6A	Gypsum	Reroof (Tear-Off)	A-1	Bonded Insulation, Bonded Roof Cover	42-43
6B	Gypsum	Reroof (Tear-Off)	A-1	Bonded Insulation, Bonded Base Ply(s), Bonded Roof Cover	43
6C	Gypsum	Reroof (Tear-Off)	D-1	Insulated, Mechanically Attached Roof Cover	44
7A	Various	Recover	A-1	Bonded Insulation, Bonded Roof Cover	44-49
7B	Various	Recover	A-1	Bonded Insulation, Bonded Base Ply(s), Bonded Roof Cover	49-50
7C	Steel	Recover	C-2	Mech. Attached Insulation, Plate-Bonded Roof Cover	51
7D	Steel	Recover	D-1	Insulated, Mechanically Attached Roof Cover	52
7E	Various	Recover	F	Non-Insulated, Bonded Roof Cover	52

The following notes apply to the systems outlined herein:

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

2 Unless otherwise noted, fasteners and stress plates shall be as follows. Fasteners shall be of sufficient length for the following engagements:
- Wood Deck: FiberTite Insulation Fasteners with FiberTite 3-in Round Steel Insulation Plates, OMG Std (#12) or HD (#14) with 3" Galvalume Plates, Dekfast DF-#12 or DF-#14 with Dekfast PLT-R-3 or TRUFAST #12 DP or #14 HD with TRUFAST 3" Metal Insulation Plate. Min. ¾-inch plywood penetration or minimum 1-inch wood plank embedment.
- Steel Deck: FiberTite Insulation Fasteners with FiberTite 3-in Round Steel Insulation Plates, OMG Std (#12) or HD (#14) with 3" Galvalume Plates, Dekfast DF-#12 or DF-#14 with Dekfast PLT-R-3 or TRUFAST #12 DP or #14 HD with TRUFAST 3" Metal Insulation Plate. Minimum ¾-inch steel penetration, engage the top flute of the steel deck.
- Structural Concrete: FiberTite Insulation Fasteners with FiberTite 3-in Round Steel Insulation Plates, OMG HD (#14) or CD-10 with 3" Galvalume Plates, Dekfast DF-#14 with Dekfast PLT-R-3 or TRUFAST #14 HD or TRUFAST Fluted Concrete Nail with TRUFAST 3" Metal Insulation Plate. Minimum 1-inch embedment. Fasteners installed with a pilot hole in accordance with the fastener manufacturer's published installation instructions.

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

4 Minimum 200 psi, minimum 2-inch thick FBC Approved lightweight insulating concrete may be substituted for 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 FBC 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.

5 Preliminary insulation attachment for System Type D: Unless otherwise noted, refer to Section 2.2.10.1.3 of FM Loss Prevention Data Sheet 1-29 (February 2020).

6 Unless otherwise noted, insulation adhesive application rates are as follows. Ribbon or bead width is at the time of application; the ribbons/beads shall expand as noted in the manufacturer's published instructions.
- hot asphalt: Full mopping, 25-30 lbs/square.
- FTR 601: Continuous ½ to ¾-inch beads, 12-inch o.c.
- H.B. Fuller "Millennium One-Step Foamable Adhesive" (OSFA): Continuous ½ to ¾-inch beads, 12-inch o.c.
- OMG "OlyBond 500 Adhesive Fastener" (OB-500): Continuous ¾ to 1-inch wide ribbons, 12-inch o.c. using PaceCart, SpotShot or Cartridge application devices
- ICP Adhesives & Sealants "Polyset BOARD-MAX": Continuous 3-inch ribbons, 12-inch o.c.
- *Note: When multiple layers(s) of insulation and/or coverboard are installed in ribbon-applied adhesive, board joints shall be staggered.*
- *Note: The maximum edge distance from the adhesive ribbon to the edge of the insulation board shall be not less than one-half the specified ribbons spacing.*

7 Unless otherwise noted, all insulations are flat-stock or taper board of the minimum thickness noted. Tapered polyisocyanurate at the following thickness limitations may be substituted with the following Maximum Design Pressure (MDP) limitations. In no case shall these values be used to 'increase' the MDP listings in the tables; rather if MDP listing below meets or exceeds that listed for a particular system in the tables, then the thinner board listed below may be used as a drop-in for the equivalent thicker material listed in the table.
- FTR-601: MDP = -157.5 psf (Min. 0.5-inch thick)
- OSFA: MDP = -157.5 psf (Min. 0.5-inch thick)
- OB-500: MDP = -45.0 psf (Min. 0.5-inch Rmax Ltd "Multi-Max FA3")
- OB-500: MDP = -187.5 psf (Min. 0.5 inch FTR-Value H or Hunter Panels "H-Shield")
- OB-500: MDP = -315.0 psf (Min. 0.5-inch Johns Manville "ENRGY 3")
- OB-500: MDP = -487.5 psf (Min. 0.5-inch FTR-Value A or Atlas Roofing "ACFoam II")

8 For adhered roof insulation and board-size: Unless otherwise noted, refer to Section 2.2.10.6.2 of FM Loss Prevention Data Sheet 1-29 (February 2020).

9 For mechanically attached components or partially-bonded insulation, the maximum design pressure for the selected assembly shall meet or exceed at least the Zone 1 PRIME design pressure determined in accordance with FBC Chapter 16. Elevated pressure zones shall employ an attachment density designed by a qualified design professional to resist the elevated pressure criteria. Commonly used methods are ANSI/SPRI WD1, FM Loss Prevention Data Sheet 1-29, Roofing Application Standard RAS 117 and Roofing Application Standard 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 (February 2020) for Zone 2/3 enhancements.

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

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

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

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

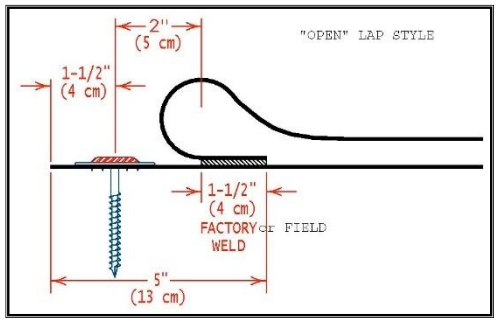
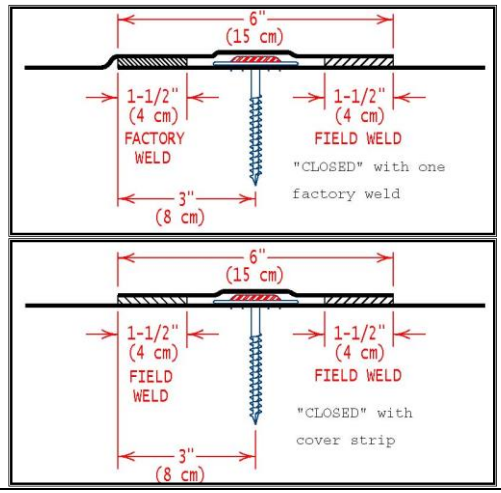
14 Lightweight insulating concrete (LWIC) shall be cast in accordance with FBC Section 1917 to the satisfaction of the Authority Having Jurisdiction. For systems where specific LWIC is referenced, refer to current LWIC Product Approval for specific deck construction and limitations. Unless otherwise noted, for systems where specific LWIC is not referenced, the minimum design mix shall be 300 psi. In all cases, the minimum top-coat thickness is 2-inches. For LWIC over structural concrete, reference is made to FBC Section 1917.4.1, Point 1. For "pre-existent" LWIC references, listings were established through testing over lightweight concrete cast using only foaming agent (ASTM C896), water and Portland cement (ASTM C150), with no proprietary additives, in accordance with procedures adopted by Miami-Dade BCCO (FBC CER1592). Use of these listings in new construction or re-roof (tear-off) applications is at the discretion of the Designer or Record and Authority Having Jurisdiction.

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

MEMBRANE / ADHESIVE COMBINATIONS

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

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

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

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

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

VAPOR BARRIER OPTIONS; STRUCTURAL CONCRETE DECK; FOLLOWED BY ADHESIVE-APPLIED INSULATION PER TABLE 3A:					
OPTION #	PRIMER	VAPOR BARRIER		INSULATION ADHESIVE	MDP (PSF)
		TYPE	APPLICATION		
C-VB-1.	ASTM D41	FiberTite-SBS Base or FiberTite-SBS 190 Base	hot asphalt	hot asphalt, 25-30 lbs/square	-210.0
C-VB-2.	ASTM D41	FiberTite-SBS TG Base or FiberTite-SBS 190 TG Base	torch-applied	hot asphalt, 25-30 lbs/square	-210.0
C-VB-3.	ASTM D41	Smooth-surfaced, asphalt built-up roof	hot asphalt	hot-asphalt, 25-30 lbs/square	-375.0
C-VB-4.	None	FiberTite-SBS Base or FiberTite-SBS 190 Base	FTR SBS Adhesive, continuous ribbons, 12-inch o.c.	FTR-601 or OSFA, ribbons 12-inch o.c.	-75.0
C-VB-5.	None	FiberTite-SBS Base or FiberTite-SBS 190 Base	FTR SBS Adhesive at 1.5-2.0 gal/square	FTR-601 or OSFA, ribbons 12-inch o.c.	-120.0
C-VB-6.	FTR SA Primer	VaporTite	self-adhering	FTR-601 or OSFA, ribbons 12-inch o.c.	-180.0
C-VB-7.	Soprema "ELASTOCOL Stick"	VaporTite	self-adhering	FTR-601 or OSFA, ribbons 12-inch o.c.	-210.0
C-VB-8.	ASTM D41	FiberTite-SBS Base or FiberTite-SBS 190 Base	hot asphalt	FTR-601 or OSFA, ribbons 12-inch o.c.	-210.0
C-VB-9.	ASTM D41	FiberTite-SBS TG Base or FiberTite-SBS 190 TG Base	torch-applied	FTR-601 or OSFA, ribbons 12-inch o.c.	-210.0

17 For System Types C-1, C-2, D-1 or Type D-2, an optional thermal barrier and/or polyethylene (loose-laid) or VaporTite (self-adhering) vapor barrier membrane may be installed atop the roof deck prior to installation of the insulation and roof cover. Refer to FM Loss Prevention Data Sheet 1-29 (February 2020) for design and installation recommendations and limitations.

18 "MDP" = Maximum Design Pressure is the result of testing for wind load resistance based on allowable wind loads. Refer to FBC 1609 for determination of design wind loads

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

TABLE 1B: WOOD DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER SYSTEM TYPE C-2: MECHANICALLY ATTACHED THERMAL BARRIER AND/OR INSULATION, PLATE-BONDED ROOF COVER						
System No.	Deck (Note 1)	Thermal Barrier and/or Insulation Layer (Note 13)	Attach		Roof Cover (Note 15B)	MDP (psf)
			Fasteners (Note 11)	Density		
FTR-IW ISOWELD® SYSTEMS:						
W-7.	Code minimum plywood or OSB. Note 1	One or more layers, any combination, min. 1.5-inch thick x min. 4 x 8 ft, preliminarily attached	FiberTite Magnum or Dekfast DF-#15-PH3 with FTR-IW isoweld® Plate *(Field W/D ≥ 375 lbf)*	12-inch o.c. in rows 60-inch o.c. along wood structural members	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded to FTR-IW isoweld® Plates with *isoweld* Induction Bonding Tool and *isoweld* Magnets.	-37.5
W-8.	Code minimum plywood or OSB. Note 1	One or more layers, any combination, min. 1.5-inch thick x min. 4 x 8 ft, preliminarily attached	FiberTite Magnum or Dekfast DF-#15-PH3 with FTR-IW isoweld® Plate *(Field W/D ≥ 300 lbf)*	6-inch o.c. in rows 60-inch o.c. along wood structural members	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded to FTR-IW isoweld® Plates with *isoweld* Induction Bonding Tool and *isoweld* Magnets.	-60.0
RHINOBOND FASTENING SYSTEM:						
W-9.	Code minimum plywood or OSB. Note 1	Any approved thermal barrier and/or insulation, any combination (min. 2-inch insulation for TreadSafe)	FTR Magnum O with FTR-IW RhinoBond Plate or FTR-IW RhinoBond Treadsafe Plate or OMG XHD with RHINOBOND Insulation Plates (PVC) or RHINOBOND TreadSafe Plate (PVC) installed through to engage wood structural members, min. 1-inch embedment. *(Field W/D ≥ 540 lbf)*	Fasteners spaced max. 24-inch o.c. in staggered rows spaced max. 36-inch o.c. along wood structural members	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded to FTR-IW RhinoBond Plates, FTR-IW RhinoBond Treadsafe Plate, RHINOBOND Insulation Plates (PVC) or RHINOBOND TreadSafe Plates (PVC) with RhinoBond Portable Plate Bonding Tool	-45.0*

TABLE 1B: WOOD DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER SYSTEM TYPE C-2: MECHANICALLY ATTACHED THERMAL BARRIER AND/OR INSULATION, PLATE-BONDED ROOF COVER						
System No.	Deck (Note 1)	Thermal Barrier and/or Insulation Layer (Note 13)	Attach		Roof Cover (Note 15B)	MDP (psf)
			Fasteners (Note 11)	Density		
W-10.	Code minimum plywood or OSB. Note 1	Any approved thermal barrier and/or insulation, any combination (min. 2-inch insulation for TreadSafe)	FTR Magnum O with FTR-IW RhinoBond Plate or FTR-IW RhinoBond Treadsafe Plate or OMG XHD with RHINOBOND Insulation Plates (PVC) or RHINOBOND TreadSafe Plate (PVC) installed through to engage wood structural members, min. 1-inch embedment. *(Field W/D ≥ 525 lbf)*	Fasteners spaced max. 12-inch o.c. in rows spaced max. 60-inch o.c. along wood structural members	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded to FTR-IW RhinoBond Plates, FTR-IW RhinoBond Treadsafe Plate, RHINOBOND Insulation Plates (PVC) or RHINOBOND TreadSafe Plates (PVC) with RhinoBond Portable Plate Bonding Tool	-52.5
W-11.	Code minimum plywood or OSB. Note 1	Any approved thermal barrier and/or insulation, any combination (min. 2-inch insulation for TreadSafe)	FTR Magnum O with FTR-IW RhinoBond Plate or FTR-IW RhinoBond Treadsafe Plate or OMG XHD with RHINOBOND Insulation Plates (PVC) or RHINOBOND TreadSafe Plate (PVC) installed through to engage wood structural members, min. 1-inch embedment. *(Field W/D ≥ 540 lbf)*	Fasteners spaced max. 24-inch o.c. in staggered rows spaced max. 24-inch o.c. along wood structural members	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded to FTR-IW RhinoBond Plates, FTR-IW RhinoBond Treadsafe Plate, RHINOBOND Insulation Plates (PVC) or RHINOBOND TreadSafe Plates (PVC) with RhinoBond Portable Plate Bonding Tool	-67.5
W-12.	Code minimum plywood or OSB. Note 1	Any approved thermal barrier and/or insulation, any combination (min. 2-inch insulation for TreadSafe)	FTR Magnum O with FTR-IW RhinoBond Plate or FTR-IW RhinoBond Treadsafe Plate or OMG XHD with RHINOBOND Insulation Plates (PVC) or RHINOBOND TreadSafe Plate (PVC) installed through to engage wood structural members, min. 1-inch embedment. *(Field W/D ≥ 450 lbf)*	Fasteners spaced max. 6-inch o.c. in rows spaced max. 60-inch o.c. along wood structural members	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded to FTR-IW RhinoBond Plates, FTR-IW RhinoBond Treadsafe Plate, RHINOBOND Insulation Plates (PVC) or RHINOBOND TreadSafe Plates (PVC) with RhinoBond Portable Plate Bonding Tool	-90.0

TABLE 1C: WOOD DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER SYSTEM TYPE D-1: INSULATED, MECHANICALLY ATTACHED ROOF COVER							
System No.	Deck (Note 1)	Insulation or Thermal Barrier (Note 13)		Roof Cover (Note 15A)			MDP (psf)
		Type	Attach (Note 5)	Membrane	Fasteners (Note 11)	Attachment	
W-13.	Min. 19/32-inch plywood; 24-inch span	One or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Open: 12 x 51-inch	-30.0
W-14.	Min. 19/32-inch plywood; 24-inch span	One or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FTR Magnum2S Plates	Open: 6 x 51-inch	-37.5
W-15.	Min. 19/32-inch plywood; 24-inch span	One or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Open: 6 x 69-inch	-45.0
W-16.	Min. 19/32-inch plywood; 24-inch span	One or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Open: 9 x 51-inch	-52.5
W-17.	Min. 19/32-inch plywood; 24-inch span	One or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Open: 6 x 51-inch	-52.5
W-18.	Code minimum plywood or OSB. Note 1	One or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FTR Magnum2S Plates	Closed: 12 x 72-inch through wood sheathing to engage the structural members.	-60.0
W-19.	Code minimum plywood or OSB. Note 1.	One or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Closed: 6 x 96-inch through wood sheathing to engage the structural members.	-67.5

TABLE 1D: WOOD DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER SYSTEM TYPE E-1: NON-INSULATED, MECHANICALLY ATTACHED ROOF COVER							
System No.	Deck (Note 1)	Thermal Barrier		Roof Cover (Note 15A)			MDP (psf)
		Type	Attach (Note 5)	Membrane	Fasteners (Note 11)	Attachment	
W-20.	Min. 19/32-inch plywood; 24-inch span	(Optional) Any approved thermal barrier	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Open: 12 x 51-inch	-30.0
W-21.	Min. 19/32-inch plywood; 24-inch span	(Optional) Any approved thermal barrier	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FTR Magnum2S Plates	Open: 6 x 51-inch	-37.5
W-22.	Min. 19/32-inch plywood; 24-inch span	(Optional) Any approved thermal barrier	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Open: 6 x 69-inch	-45.0
W-23.	Min. 19/32-inch plywood; 24-inch span	(Optional) Any approved thermal barrier	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Open: 9 x 51-inch	-52.5
W-24.	Min. 19/32-inch plywood; 24-inch span	(Optional) Any approved thermal barrier	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Open: 6 x 51-inch	-52.5
W-25.	Code minimum plywood or OSB.	(Optional) Any approved thermal barrier	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FTR Magnum2S Plates	Closed: 12 x 72-inch through wood sheathing to engage the structural members.	-60.0
W-26.	Code minimum plywood or OSB.	(Optional) Any approved thermal barrier	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Closed: 6 x 96-inch through wood sheathing to engage the structural members.	-67.5

TABLE 2A: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER								
System No.	Deck (Note 1)	Base Insulation Layer			Top Insulation Layer		Roof Cover (Note 15)	MDP (psf)
		Type	Fasteners (Note 11)	Attach	Type	Attach (Notes 6,7,8)		
FIBERTITE, FIBERTITE-XT, FIBERTITE-SM OR FIBERTITE XTREME APPLIED IN FTR-190E:								
S-1.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch ACFoam II, FTR-VALUE A, H-Shield, FTR-VALUE H or Multi-Max FA3	Note 2 #14 only	1 per 2.0 ft2	(Optional) One or more layers of Base Insulation (flat or tapered)	hot asphalt, FTR 601, OSFA, OB-500 or Polyset Board-Max	SP-BB1 or SB-BB2	-45.0*
S-2.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch ACFoam II, FTR-VALUE A, H-Shield, FTR-VALUE H or Multi-Max FA3	Note 2 #14 only	1 per 4.0 ft2	(Optional) One or more layers of Base Insulation (flat or tapered)	hot asphalt, FTR 601, OSFA, OB-500 or Polyset Board-Max	SP-BB1 or SB-BB2	-45.0*
S-3.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 2.0 ft2	One or more layers ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield, FTR-VALUE H or Multi-Max FA3	hot asphalt, FTR 601, OSFA, OB-500 or Polyset Board-Max	SP-BB1 or SB-BB2	-45.0*
S-4.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch ACFoam II, FTR-VALUE A, H-Shield, FTR-VALUE H or Multi-Max FA3	Note 2 #14 only	1 per 2.0 ft2	Min. 0.5-inch DensDeck Prime	hot asphalt, FTR 601, OSFA, OB-500 or Polyset Board-Max	SP-BB1 or SB-BB2	-45.0*
S-5.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch ACFoam II, FTR-VALUE A, H-Shield, FTR-VALUE H or Multi-Max FA3	Note 2 #14 only	1 per 4.0 ft2	Min. 0.5-inch DensDeck Prime	hot asphalt, FTR 601, OSFA, OB-500 or Polyset Board-Max	SP-BB1 or SB-BB2	-45.0*
S-6.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch ACFoam II, FTR-VALUE A, H-Shield, FTR-VALUE H or Multi-Max FA3	Note 2 #14 only	1 per 2.0 ft2	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	hot asphalt, FTR 601, OSFA, OB-500 or Polyset Board-Max	SP-BB1 or SB-BB2	-45.0*
S-7.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield, FTR-VALUE H or Multi-Max FA3	Note 2	1 per 2.0 ft2	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	FTR 601, OSFA	SP-BB1 or SB-BB2	-45.0*
S-8.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch ACFoam II, FTR-VALUE A, H-Shield, FTR-VALUE H or Multi-Max FA3	Note 2 #14 only	1 per 4.0 ft2	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	hot asphalt, FTR 601, OSFA, OB-500 or Polyset Board-Max	SP-BB1 or SB-BB2	-45.0*
S-9.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield, FTR-VALUE H or Multi-Max FA3	Note 2	1 per 4.0 ft2	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	FTR 601, OSFA	SP-BB1 or SB-BB2	-45.0*
S-10.	Min. 22 ga., Type B, Grade 80 steel or structural concrete	Min. 2-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	Note 2 #14 only	1 per 2.0 ft2	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR 601, OSFA or Polyset Board-Max	SP-BB1 or SB-BB2	-52.5
S-11.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch ACFoam II, FTR-VALUE A, H-Shield or FTR-VALUE H	Note 2 #14 only	1 per 1.3 ft2	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	hot asphalt, FTR 601, OSFA, OB-500 or Polyset Board-Max	SP-BB1 or SB-BB2	-60.0
S-12.	Min. 22 ga., Type B, Grade 80 steel or structural concrete	Min. 2-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	Note 2 #14 only	1 per 1.3 ft2	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR 601, OSFA or Polyset Board-Max, 6-inch o.c.	SP-BB1 or SB-BB2	-67.5
S-13.	Min. 22 ga., Type B, Grade 80 steel or structural concrete	Min. 2-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	Note 2 #14 only	1 per 1.0 ft2	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR 601, OSFA or Polyset Board-Max, 6-inch o.c.	SP-BB1 or SB-BB2	-90.0
FIBERTITE OR FIBERTITE-XT APPLIED IN ALPHA-TITE BONDING ADHESIVE:								
S-14.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch ACFoam II, FTR-VALUE A, H-Shield, FTR-VALUE H	Note 2 #14 only	1 per 2.0 ft2	(Optional) One or more layers of Base Insulation (flat or tapered)	hot asphalt, FTR 601, OSFA, OB-500 or Polyset Board-Max	SP-BB3	-45.0*

TABLE 2A: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER								
System No.	Deck (Note 1)	Base Insulation Layer			Top Insulation Layer		Roof Cover (Note 15)	MDP (psf)
		Type	Fasteners (Note 11)	Attach	Type	Attach (Notes 6,7,8)		
S-15.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch ACFoam II, FTR-VALUE A, H-Shield, FTR-VALUE H	Note 2 #14 only	1 per 4.0 ft2	(Optional) One or more layers of Base Insulation (flat or tapered)	hot asphalt, FTR 601, OSFA, OB-500 or Polyset Board-Max	SP-BB3	-45.0*
S-16.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 2.0 ft2	One or more layers ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield, FTR-VALUE H	hot asphalt, FTR 601, OSFA, OB-500 or Polyset Board-Max	SP-BB3	-45.0*
S-17.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch ACFoam II, FTR-VALUE A, H-Shield, FTR-VALUE H or Multi-Max FA3	Note 2 #14 only	1 per 2.0 ft2	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	hot asphalt, FTR 601, OSFA, OB-500 or Polyset Board-Max	SP-BB3	-45.0*
S-18.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield, FTR-VALUE H or Multi-Max FA3	Note 2	1 per 2.0 ft2	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	FTR 601, OSFA	SP-BB3	-45.0*
S-19.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch ACFoam II, FTR-VALUE A, H-Shield, FTR-VALUE H or Multi-Max FA3	Note 2 #14 only	1 per 4.0 ft2	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	hot asphalt, FTR 601, OSFA, OB-500 or Polyset Board-Max	SP-BB3	-45.0*
S-20.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield, FTR-VALUE H or Multi-Max FA3	Note 2	1 per 4.0 ft2	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	FTR 601, OSFA	SP-BB3	-45.0*
S-21.	Min. 22 ga., Type B, Grade 80 steel or structural concrete	Min. 2-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	Note 2 #14 only	1 per 2.0 ft2	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	FTR 601, OSFA or Polyset Board-Max	SP-BB3	-52.5
S-22.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch ACFoam II, FTR-VALUE A, H-Shield or FTR-VALUE H	Note 2 #14 only	1 per 1.3 ft2	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	hot asphalt, FTR 601, OSFA, OB-500 or Polyset Board-Max	SP-BB3	-60.0
S-23.	Min. 22 ga., Type B, Grade 80 steel or structural concrete	Min. 2-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	Note 2 #14 only	1 per 1.3 ft2	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	FTR 601, OSFA or Polyset Board-Max, 6-inch o.c.	SP-BB3	-67.5
S-24.	Min. 22 ga., Type B, Grade 80 steel or structural concrete	Min. 2-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	Note 2 #14 only	1 per 1.0 ft2	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	FTR 601, OSFA or Polyset Board-Max, 6-inch o.c.	SP-BB3	-90.0
FIBERTITE-SM OR FIBERTITE XTREME APPLIED IN ALPHA-TITE BONDING ADHESIVE:								
S-25.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch ACFoam II, FTR-VALUE A, H-Shield, FTR-VALUE H	Note 2 #14 only	1 per 2.0 ft2	(Optional) One or more layers of Base Insulation (flat or tapered)	hot asphalt, FTR 601, OSFA, OB-500 or Polyset Board-Max	SP-BB4	-45.0*
S-26.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch ACFoam II, FTR-VALUE A, H-Shield, FTR-VALUE H	Note 2 #14 only	1 per 4.0 ft2	(Optional) One or more layers of Base Insulation (flat or tapered)	hot asphalt, FTR 601, OSFA, OB-500 or Polyset Board-Max	SP-BB4	-45.0*
S-27.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 2.0 ft2	One or more layers ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield, FTR-VALUE H	hot asphalt, FTR 601, OSFA, OB-500 or Polyset Board-Max	SP-BB4	-45.0*
FIBERTITE-FB APPLIED IN FTR-290:								

TABLE 2A: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER								
System No.	Deck (Note 1)	Base Insulation Layer			Top Insulation Layer		Roof Cover (Note 15)	MDP (psf)
		Type	Fasteners (Note 11)	Attach	Type	Attach (Notes 6,7,8)		
S-28.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch ACFoam II, FTR-VALUE A, H-Shield, FTR-VALUE H or Multi-Max FA3	Note 2 #14 only	1 per 2.0 ft2	(Optional) One or more layers of Base Insulation (flat or tapered)	hot asphalt, FTR 601, OSFA, OB-500 or Polyset Board-Max	SP-FB1	-45.0*
S-29.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch ACFoam II, FTR-VALUE A, H-Shield, FTR-VALUE H or Multi-Max FA3	Note 2 #14 only	1 per 4.0 ft2	(Optional) One or more layers of Base Insulation (flat or tapered)	hot asphalt, FTR 601, OSFA, OB-500 or Polyset Board-Max	SP-FB1	-45.0*
S-30.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 2.0 ft2	One or more layers ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield, FTR-VALUE H or Multi-Max FA3	hot asphalt, FTR 601, OSFA, OB-500 or Polyset Board-Max	SP-FB1	-45.0*
S-31.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch ACFoam II, FTR-VALUE A, H-Shield, FTR-VALUE H or Multi-Max FA3	Note 2 #14 only	1 per 2.0 ft2	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	hot asphalt, FTR 601, OSFA, OB-500 or Polyset Board-Max	SP-FB1	-45.0*
S-32.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield, FTR-VALUE H or Multi-Max FA3	Note 2	1 per 2.0 ft2	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	FTR 601, OSFA	SP-FB1	-45.0*
S-33.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch ACFoam II, FTR-VALUE A, H-Shield, FTR-VALUE H or Multi-Max FA3	Note 2 #14 only	1 per 4.0 ft2	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	hot asphalt, FTR 601, OSFA, OB-500 or Polyset Board-Max	SP-FB1	-45.0*
S-34.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield, FTR-VALUE H or Multi-Max FA3	Note 2	1 per 4.0 ft2	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	FTR 601, OSFA	SP-FB1	-45.0*
S-35.	Min. 22 ga., Type B, Grade 80 steel or structural concrete	Min. 2-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	Note 2 #14 only	1 per 2.0 ft2	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR 601, OSFA or Polyset Board-Max	SP-FB1	-52.5
S-36.	Min. 22 ga., Type B, Grade 80 steel or structural concrete	Min. 2-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	Note 2 #14 only	1 per 1.3 ft2	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR 601, OSFA or Polyset Board-Max, 6-inch o.c.	SP-FB1	-67.5
S-37.	Min. 22 ga., Type B, Grade 80 steel or structural concrete	Min. 2-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	Note 2 #14 only	1 per 1.0 ft2	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR 601, OSFA or Polyset Board-Max, 6-inch o.c.	SP-FB1	-90.0
FIBERTITE-FB APPLIED IN FTR-390:								
S-38.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch ACFoam II, FTR-VALUE A, H-Shield, FTR-VALUE H or Multi-Max FA3	Note 2 #14 only	1 per 2.0 ft2	(Optional) One or more layers of Base Insulation (flat or tapered)	hot asphalt, FTR 601, OSFA, OB-500 or Polyset Board-Max	SP-FB2	-45.0*
S-39.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch ACFoam II, FTR-VALUE A, H-Shield, FTR-VALUE H or Multi-Max FA3	Note 2 #14 only	1 per 4.0 ft2	(Optional) One or more layers of Base Insulation (flat or tapered)	hot asphalt, FTR 601, OSFA, OB-500 or Polyset Board-Max	SP-FB2	-45.0*
S-40.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 2.0 ft2	One or more layers ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield, FTR-VALUE H or Multi-Max FA3	hot asphalt, FTR 601, OSFA, OB-500 or Polyset Board-Max	SP-FB2	-45.0*
S-41.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch ACFoam II, FTR-VALUE A, H-Shield, FTR-VALUE H or Multi-Max FA3	Note 2 #14 only	1 per 2.0 ft2	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	hot asphalt, FTR 601, OSFA, OB-500 or Polyset Board-Max	SP-FB2	-45.0*

TABLE 2A: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER								
System No.	Deck (Note 1)	Base Insulation Layer			Top Insulation Layer		Roof Cover (Note 15)	MDP (psf)
		Type	Fasteners (Note 11)	Attach	Type	Attach (Notes 6,7,8)		
S-42.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield, FTR-VALUE H or Multi-Max FA3	Note 2	1 per 2.0 ft2	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	FTR 601, OSFA	SP-FB2	-45.0*
S-43.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch ACFoam II, FTR-VALUE A, H-Shield, FTR-VALUE H or Multi-Max FA3	Note 2 #14 only	1 per 4.0 ft2	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	hot asphalt, FTR 601, OSFA, OB-500 or Polyset Board-Max	SP-FB2	-45.0*
S-44.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield, FTR-VALUE H or Multi-Max FA3	Note 2	1 per 4.0 ft2	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	FTR 601, OSFA	SP-FB2	-45.0*
FIBERTITE-FB APPLIED IN FTR-490:								
S-45.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch ACFoam II, FTR-VALUE A, H-Shield, FTR-VALUE H or Multi-Max FA3	Note 2 #14 only	1 per 2.0 ft2	Min. 0.5-inch DensDeck Prime	hot asphalt, FTR 601, OSFA, OB-500 or Polyset Board-Max	SP-FB3	-45.0*
S-46.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield, FTR-VALUE H or Multi-Max FA3	Note 2	1 per 2.0 ft2	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	FTR 601, OSFA	SP-FB3	-45.0*
S-47.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch ACFoam II, FTR-VALUE A, H-Shield, FTR-VALUE H or Multi-Max FA3	Note 2 #14 only	1 per 4.0 ft2	Min. 0.5-inch DensDeck Prime	hot asphalt, FTR 601, OSFA, OB-500 or Polyset Board-Max	SP-FB3	-45.0*
S-48.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield, FTR-VALUE H or Multi-Max FA3	Note 2	1 per 4.0 ft2	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	FTR 601, OSFA	SP-FB3	-45.0*
FIBERTITE-FB APPLIED IN HOT ASPHALT:								
S-49.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch ACFoam II, FTR-VALUE A, H-Shield, FTR-VALUE H or Multi-Max FA3	Note 2 #14 only	1 per 2.0 ft2	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	hot asphalt, FTR 601, OSFA, OB-500 or Polyset Board-Max	SP-FB4	-45.0*
S-50.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield, FTR-VALUE H or Multi-Max FA3	Note 2	1 per 2.0 ft2	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	FTR 601, OSFA	SP-FB4	-45.0*
S-51.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch ACFoam II, FTR-VALUE A, H-Shield, FTR-VALUE H or Multi-Max FA3	Note 2 #14 only	1 per 4.0 ft2	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	hot asphalt, FTR 601, OSFA, OB-500 or Polyset Board-Max	SP-FB4	-45.0*
S-52.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield, FTR-VALUE H or Multi-Max FA3	Note 2	1 per 4.0 ft2	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	FTR 601, OSFA	SP-FB4	-45.0*
S-53.	Min. 22 ga., Type B, Grade 80 steel or structural concrete	Min. 2-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	Note 2 #14 only	1 per 2.0 ft2	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR 601, OSFA or Polyset Board-Max	SP-FB4	-52.5
S-54.	Min. 22 ga., Type B, Grade 80 steel or structural concrete	Min. 2-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	Note 2 #14 only	1 per 1.3 ft2	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR 601, OSFA or Polyset Board-Max, 6-inch o.c.	SP-FB4	-67.5

TABLE 2A: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER								
System No.	Deck (Note 1)	Base Insulation Layer			Top Insulation Layer		Roof Cover (Note 15)	MDP (psf)
		Type	Fasteners (Note 11)	Attach	Type	Attach (Notes 6,7,8)		
S-55.	Min. 22 ga., Type B, Grade 80 steel or structural concrete	Min. 2-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	Note 2 #14 only	1 per 1.0 ft2	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR 601, OSFA or Polyset Board-Max, 6-inch o.c.	SP-FB4	-90.0
FIBERTITE-FB APPLIED IN POLYSET CR-20 (SPATTER):								
S-56.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch ACFoam II, FTR-VALUE A, H-Shield or FTR-VALUE H	Note 2 #14 only	1 per 2.0 ft2	(Optional) One or more layers of Base Insulation (flat or tapered)	hot asphalt, FTR 601, OSFA, OB-500 or Polyset Board-Max	SP-FB5	-45.0*
S-57.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch ACFoam II, FTR-VALUE A, H-Shield or FTR-VALUE H	Note 2 #14 only	1 per 4.0 ft2	(Optional) One or more layers of Base Insulation (flat or tapered)	hot asphalt, FTR 601, OSFA, OB-500 or Polyset Board-Max	SP-FB5	-45.0*
S-58.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 2.0 ft2	One or more layers ACFoam II, FTR-VALUE A, H-Shield, FTR-VALUE H, H-Shield CG or FTR-VALUE H Glass Facer	hot asphalt, FTR 601, OSFA, OB-500 or Polyset Board-Max	SP-FB5	-45.0*
S-59.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch ACFoam II, FTR-VALUE A, H-Shield, FTR-VALUE H or Multi-Max FA3	Note 2 #14 only	1 per 2.0 ft2	Min. 0.5-inch DensDeck Prime	hot asphalt, FTR 601, OSFA, OB-500 or Polyset Board-Max	SP-FB5	-45.0*
S-60.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch ACFoam II, FTR-VALUE A, H-Shield, FTR-VALUE H or Multi-Max FA3	Note 2 #14 only	1 per 4.0 ft2	Min. 0.5-inch DensDeck Prime	hot asphalt, FTR 601, OSFA, OB-500 or Polyset Board-Max	SP-FB5	-45.0*
S-61.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch ACFoam II, FTR-VALUE A, H-Shield, FTR-VALUE H or Multi-Max FA3	Note 2 #14 only	1 per 2.0 ft2	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	hot asphalt, FTR 601, OSFA, OB-500 or Polyset Board-Max	SP-FB5	-45.0*
S-62.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield, FTR-VALUE H or Multi-Max FA3	Note 2	1 per 2.0 ft2	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	FTR 601, OSFA	SP-FB5	-45.0*
S-63.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch ACFoam II, FTR-VALUE A, H-Shield, FTR-VALUE H or Multi-Max FA3	Note 2 #14 only	1 per 4.0 ft2	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	hot asphalt, FTR 601, OSFA, OB-500 or Polyset Board-Max	SP-FB5	-45.0*
S-64.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield, FTR-VALUE H or Multi-Max FA3	Note 2	1 per 4.0 ft2	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	FTR 601, OSFA	SP-FB5	-45.0*
S-65.	Min. 22 ga., Type B, Grade 80 steel or structural concrete	Min. 2-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	Note 2 #14 only	1 per 2.0 ft2	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR 601, OSFA or Polyset Board-Max	SP-FB5	-52.5
S-66.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch ACFoam II, FTR-VALUE A, H-Shield or FTR-VALUE H	Note 2 #14 only	1 per 1.3 ft2	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	hot asphalt, FTR 601, OSFA, OB-500 or Polyset Board-Max	SP-FB5	-60.0
S-67.	Min. 22 ga., Type B, Grade 80 steel or structural concrete	Min. 2-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	Note 2 #14 only	1 per 1.3 ft2	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR 601, OSFA or Polyset Board-Max, 6-inch o.c.	SP-FB5	-67.5
S-68.	Min. 22 ga., Type B, Grade 80 steel or structural concrete	Min. 2-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	Note 2 #14 only	1 per 1.0 ft2	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR 601, OSFA or Polyset Board-Max, 6-inch o.c.	SP-FB5	-90.0

TABLE 2B: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED BASE PLY(S), BONDED ROOF COVER										
System No.	Deck (Note 1)	Base Insulation Layer			Top Insulation Layer		Roof Cover (Note 15)			MDP (psf)
		Type	Fasteners (Note 11)	Attach	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
S-69.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	Note 2	1 per 2.0 ft2	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum Fiber-Roof Board	hot asphalt, FTR-601 or OSFA	SBS-AA	(Optional) SBS-AA	SP-FB2 or SP-FB4	-45.0*
S-70.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	Note 2	1 per 4.0 ft2	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum Fiber-Roof Board	hot asphalt, FTR-601 or OSFA	SBS-AA	(Optional) SBS-AA	SP-FB2 or SP-FB4	-45.0*
S-71.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	Note 2	1 per 2.0 ft2	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum Fiber-Roof Board	hot asphalt, FTR-601 or OSFA	SBS-TA	(Optional) SBS-TA	SP-FB2 or SP-FB4	-45.0*
S-72.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	Note 2	1 per 4.0 ft2	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum Fiber-Roof Board	hot asphalt, FTR-601 or OSFA	SBS-TA	(Optional) SBS-TA	SP-FB2 or SP-FB4	-45.0*
S-73.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	Note 2	1 per 2.0 ft2	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum Fiber-Roof Board	hot asphalt, FTR-601 or OSFA	SBS-CA1	None	SP-FB2 or SP-FB4	-45.0*
S-74.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	Note 2	1 per 4.0 ft2	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum Fiber-Roof Board	hot asphalt, FTR-601 or OSFA	SBS-CA1	None	SP-FB2 or SP-FB4	-45.0*

TABLE 2C: STEEL DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED TEMP ROOF, BONDED TOP INSULATION, BONDED ROOF COVER										
System No.	Deck (Note 1)	Thermal Barrier			Primer	Temp Roof	Insulation Layer(s)		Roof Cover (Note 15)	MDP (psf)
		Type	Fasten (Note 11)	Attach			Type	Attach (Notes 6,7,8)		
FIBERTITE, FIBERTITE-XT, FIBERTITE-SM OR FIBERTITE XTREME APPLIED IN FTR-190E:										
S-75.	Min. 22 ga., Type B, Grade 33 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 4.0 ft^2	None	VaporTite, self-adhering	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H followed by min. 0.25-inch SECUROCK Gypsum Fiber Roof Board	FTR-601 or OSFA	SP-BB1 or SP-BB2	-45.0*
S-76.	Min. 22 ga., Type B, Grade 33 steel	Min. 0.5-inch SECUROCK Cement Roof Board	Note 2	1 per 4.0 ft^2	ASTM D41	SBS-TA	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H followed by min. 0.25-inch SECUROCK Gypsum Fiber Roof Board	FTR-601 or OSFA	SP-BB1 or SP-BB2	-45.0*

TABLE 2C: STEEL DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED TEMP ROOF, BONDED TOP INSULATION, BONDED ROOF COVER										
System No.	Deck (Note 1)	Thermal Barrier			Primer	Temp Roof	Insulation Layer(s)		Roof Cover (Note 15)	MDP (psf)
		Type	Fasten (Note 11)	Attach			Type	Attach (Notes 6,7,8)		
S-77.	Min. 22 ga., Type B, Grade 33 steel	Min. 0.4375-inch DEXcell Cement Roof Board or Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Cement Roof Board or SECUROCK Gypsum-Fiber Roof Board	FiberTite #14 and FiberTite 3-in. Steel Plate or Dekfast PLT-R-3 and Dekfast DF-#14-PH3	1 per 2.0 ft^2	FTR SA Primer or Soprema "ELASTOCOL Stick"	VaporTite, self-adhering	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR-601 or OSFA	SP-BB1 or SP-BB2	-52.5
S-78.	Min. 22 ga., Type B, Grade 33 steel	Min. 0.4375-inch DEXcell Cement Roof Board or Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Cement Roof Board or SECUROCK Gypsum-Fiber Roof Board	FiberTite #14 and FiberTite 3-in. Steel Plate or Dekfast PLT-R-3 and Dekfast DF-#14-PH3	1 per 2.0 ft^2	ASTM D41	SBS-AA	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	hot asphalt, FTR-601 or OSFA	SP-BB1 or SP-BB2	-52.5
S-79.	Min. 22 ga., Type B, Grade 33 steel	Min. 0.4375-inch DEXcell Cement Roof Board or Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Cement Roof Board or SECUROCK Gypsum-Fiber Roof Board	FiberTite #14 and FiberTite 3-in. Steel Plate or Dekfast PLT-R-3 and Dekfast DF-#14-PH3	1 per 2.0 ft^2	ASTM D41	SBS-TA	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	hot asphalt, FTR-601 or OSFA	SP-BB1 or SP-BB2	-52.5
S-80.	Min. 22 ga., Type B, Grade 33 steel	Min. 0.4375-inch DEXcell Cement Roof Board or Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Cement Roof Board or SECUROCK Gypsum-Fiber Roof Board	FiberTite #14 and FiberTite 3-in. Steel Plate or Dekfast PLT-R-3 and Dekfast DF-#14-PH3	1 per 1.3 ft^2	FTR SA Primer or Soprema "ELASTOCOL Stick"	VaporTite, self-adhering	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR-601 or OSFA, 6-inch o.c.	SP-BB1 or SP-BB2	-75.0
S-81.	Min. 22 ga., Type B, Grade 33 steel	Min. 0.4375-inch DEXcell Cement Roof Board or Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Cement Roof Board or SECUROCK Gypsum-Fiber Roof Board	FiberTite #14 and FiberTite 3-in. Steel Plate or Dekfast PLT-R-3 and Dekfast DF-#14-PH3	1 per 1.3 ft^2	ASTM D41	SBS-AA	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	hot asphalt or FTR-601 or OSFA, 6-inch o.c.	SP-BB1 or SP-BB2	-75.0
S-82.	Min. 22 ga., Type B, Grade 33 steel	Min. 0.4375-inch DEXcell Cement Roof Board or Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Cement Roof Board or SECUROCK Gypsum-Fiber Roof Board	FiberTite #14 and FiberTite 3-in. Steel Plate or Dekfast PLT-R-3 and Dekfast DF-#14-PH3	1 per 1.3 ft^2	ASTM D41	SBS-TA	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	hot asphalt or FTR-601 or OSFA, 6-inch o.c.	SP-BB1 or SP-BB2	-75.0

TABLE 2C: STEEL DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED TEMP ROOF, BONDED TOP INSULATION, BONDED ROOF COVER										
System No.	Deck (Note 1)	Thermal Barrier			Primer	Temp Roof	Insulation Layer(s)		Roof Cover (Note 15)	MDP (psf)
		Type	Fasten (Note 11)	Attach			Type	Attach (Notes 6,7,8)		
S-83.	Min. 22 ga., Type B, Grade 33 steel	Min. 0.4375-inch DEXcell Cement Roof Board or Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Cement Roof Board or SECUROCK Gypsum-Fiber Roof Board	FiberTite #14 and FiberTite 3-in. Steel Plate or Dekfast PLT-R-3 and Dekfast DF-#14-PH3	1 per 1.0 ft^2	FTR SA Primer or Soprema "ELASTOCOL Stick"	VaporTite, self-adhering	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR-601 or OSFA, 6-inch o.c.	SP-BB1 or SP-BB2	-82.5
S-84.	Min. 22 ga., Type B, Grade 33 steel	Min. 0.4375-inch DEXcell Cement Roof Board or Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Cement Roof Board or SECUROCK Gypsum-Fiber Roof Board	FiberTite #14 and FiberTite 3-in. Steel Plate or Dekfast PLT-R-3 and Dekfast DF-#14-PH3	1 per 1.0 ft^2	ASTM D41	SBS-AA	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	hot asphalt or FTR-601 or OSFA, 6-inch o.c.	SP-BB1 or SP-BB2	-82.5
S-85.	Min. 22 ga., Type B, Grade 33 steel	Min. 0.4375-inch DEXcell Cement Roof Board or Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Cement Roof Board or SECUROCK Gypsum-Fiber Roof Board	FiberTite #14 and FiberTite 3-in. Steel Plate or Dekfast PLT-R-3 and Dekfast DF-#14-PH3	1 per 1.0 ft^2	ASTM D41	SBS-TA	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	hot asphalt or FTR-601 or OSFA, 6-inch o.c.	SP-BB1 or SP-BB2	-82.5
S-86.	Min. 22 ga., Type B, Grade 80 steel	Min. 0.4375-inch DEXcell Cement Roof Board or Min. 0.5-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FiberTite #14 and FiberTite 3-in. Steel Plate or Dekfast PLT-R-3 and Dekfast DF-#14-PH3	1 per 1.0 ft^2	FTR SA Primer or Soprema "ELASTOCOL Stick"	VaporTite, self-adhering	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR-601 or OSFA, 6-inch o.c.	SP-BB1 or SP-BB2	-90.0
S-87.	Min. 22 ga., Type B, Grade 80 steel	Min. 0.4375-inch DEXcell Cement Roof Board or Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Cement Roof Board or SECUROCK Gypsum-Fiber Roof Board	FiberTite #14 and FiberTite 3-in. Steel Plate or Dekfast PLT-R-3 and Dekfast DF-#14-PH3	1 per 1.0 ft^2	ASTM D41	SBS-AA	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	hot asphalt or FTR-601 or OSFA, 6-inch o.c.	SP-BB1 or SP-BB2	-90.0
S-88.	Min. 22 ga., Type B, Grade 80 steel	Min. 0.4375-inch DEXcell Cement Roof Board or Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Cement Roof Board or SECUROCK Gypsum-Fiber Roof Board	FiberTite #14 and FiberTite 3-in. Steel Plate or Dekfast PLT-R-3 and Dekfast DF-#14-PH3	1 per 1.0 ft^2	ASTM D41	SBS-TA	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	hot asphalt or FTR-601 or OSFA, 6-inch o.c.	SP-BB1 or SP-BB2	-90.0

TABLE 2C: STEEL DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED TEMP ROOF, BONDED TOP INSULATION, BONDED ROOF COVER										
System No.	Deck (Note 1)	Thermal Barrier			Primer	Temp Roof	Insulation Layer(s)		Roof Cover (Note 15)	MDP (psf)
		Type	Fasten (Note 11)	Attach			Type	Attach (Notes 6,7,8)		
S-89.	Min. 22 ga., Type B, Grade 80 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Cement Roof Board	FiberTite #14 and FiberTite 3-in. Steel Plate or Dekfast PLT-R-3 and Dekfast DF-#14-PH3	1 per 1.0 ft^2	FTR SA Primer or Soprema "ELASTOCOL Stick"	VaporTite, self-adhering	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR-601 or OSFA, 6-inch o.c.	SP-BB1 or SP-BB2	-105.0
FIBERTITE OR FIBERTITE-XT APPLIED IN ALPHA-TITE BONDING ADHESIVE:										
S-90.	Min. 22 ga., Type B, Grade 33 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 4.0 ft^2	None	VaporTite, self-adhering	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H followed by min. 0.25-inch SECUROCK Gypsum Fiber Roof Board	FTR-601 or OSFA	SP-BB3	-45.0*
S-91.	Min. 22 ga., Type B, Grade 33 steel	Min. 0.5-inch SECUROCK Cement Roof Board	Note 2	1 per 4.0 ft^2	ASTM D41	SBS-TA	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H followed by min. 0.25-inch SECUROCK Gypsum Fiber Roof Board	FTR-601 or OSFA	SP-BB3	-45.0*
S-92.	Min. 22 ga., Type B, Grade 33 steel	Min. 0.4375-inch DEXcell Cement Roof Board or Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Cement Roof Board or SECUROCK Gypsum-Fiber Roof Board	FiberTite #14 and FiberTite 3-in. Steel Plate or Dekfast PLT-R-3 and Dekfast DF-#14-PH3	1 per 2.0 ft^2	FTR SA Primer or Soprema "ELASTOCOL Stick"	VaporTite, self-adhering	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR-601 or OSFA	SP-BB3	-52.5
S-93.	Min. 22 ga., Type B, Grade 33 steel	Min. 0.4375-inch DEXcell Cement Roof Board or Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Cement Roof Board or SECUROCK Gypsum-Fiber Roof Board	FiberTite #14 and FiberTite 3-in. Steel Plate or Dekfast PLT-R-3 and Dekfast DF-#14-PH3	1 per 2.0 ft^2	ASTM D41	SBS-AA	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	hot asphalt, FTR-601 or OSFA	SP-BB3	-52.5
S-94.	Min. 22 ga., Type B, Grade 33 steel	Min. 0.4375-inch DEXcell Cement Roof Board or Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Cement Roof Board or SECUROCK Gypsum-Fiber Roof Board	FiberTite #14 and FiberTite 3-in. Steel Plate or Dekfast PLT-R-3 and Dekfast DF-#14-PH3	1 per 2.0 ft^2	ASTM D41	SBS-TA	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	hot asphalt, FTR-601 or OSFA	SP-BB3	-52.5
S-95.	Min. 22 ga., Type B, Grade 33 steel	Min. 0.4375-inch DEXcell Cement Roof Board or Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Cement Roof Board or SECUROCK Gypsum-Fiber Roof Board	FiberTite #14 and FiberTite 3-in. Steel Plate or Dekfast PLT-R-3 and Dekfast DF-#14-PH3	1 per 1.3 ft^2	FTR SA Primer or Soprema "ELASTOCOL Stick"	VaporTite, self-adhering	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR-601 or OSFA, 6-inch o.c.	SP-BB3	-75.0

TABLE 2C: STEEL DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED TEMP ROOF, BONDED TOP INSULATION, BONDED ROOF COVER										
System No.	Deck (Note 1)	Thermal Barrier			Primer	Temp Roof	Insulation Layer(s)		Roof Cover (Note 15)	MDP (psf)
		Type	Fasten (Note 11)	Attach			Type	Attach (Notes 6,7,8)		
S-96.	Min. 22 ga., Type B, Grade 33 steel	Min. 0.4375-inch DEXcell Cement Roof Board or Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Cement Roof Board or SECUROCK Gypsum-Fiber Roof Board	FiberTite #14 and FiberTite 3-in. Steel Plate or Dekfast PLT-R-3 and Dekfast DF-#14-PH3	1 per 1.3 ft^2	ASTM D41	SBS-AA	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	hot asphalt or FTR-601 or OSFA, 6-inch o.c.	SP-BB3	-75.0
S-97.	Min. 22 ga., Type B, Grade 33 steel	Min. 0.4375-inch DEXcell Cement Roof Board or Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Cement Roof Board or SECUROCK Gypsum-Fiber Roof Board	FiberTite #14 and FiberTite 3-in. Steel Plate or Dekfast PLT-R-3 and Dekfast DF-#14-PH3	1 per 1.3 ft^2	ASTM D41	SBS-TA	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	hot asphalt or FTR-601 or OSFA, 6-inch o.c.	SP-BB3	-75.0
S-98.	Min. 22 ga., Type B, Grade 33 steel	Min. 0.4375-inch DEXcell Cement Roof Board or Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Cement Roof Board or SECUROCK Gypsum-Fiber Roof Board	FiberTite #14 and FiberTite 3-in. Steel Plate or Dekfast PLT-R-3 and Dekfast DF-#14-PH3	1 per 1.0 ft^2	FTR SA Primer or Soprema "ELASTOCOL Stick"	VaporTite, self-adhering	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR-601 or OSFA, 6-inch o.c.	SP-BB3	-82.5
S-99.	Min. 22 ga., Type B, Grade 33 steel	Min. 0.4375-inch DEXcell Cement Roof Board or Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Cement Roof Board or SECUROCK Gypsum-Fiber Roof Board	FiberTite #14 and FiberTite 3-in. Steel Plate or Dekfast PLT-R-3 and Dekfast DF-#14-PH3	1 per 1.0 ft^2	ASTM D41	SBS-AA	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	hot asphalt or FTR-601 or OSFA, 6-inch o.c.	SP-BB3	-82.5
S-100.	Min. 22 ga., Type B, Grade 33 steel	Min. 0.4375-inch DEXcell Cement Roof Board or Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Cement Roof Board or SECUROCK Gypsum-Fiber Roof Board	FiberTite #14 and FiberTite 3-in. Steel Plate or Dekfast PLT-R-3 and Dekfast DF-#14-PH3	1 per 1.0 ft^2	ASTM D41	SBS-TA	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	hot asphalt or FTR-601 or OSFA, 6-inch o.c.	SP-BB3	-82.5
S-101.	Min. 22 ga., Type B, Grade 80 steel	Min. 0.4375-inch DEXcell Cement Roof Board or Min. 0.5-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FiberTite #14 and FiberTite 3-in. Steel Plate or Dekfast PLT-R-3 and Dekfast DF-#14-PH3	1 per 1.0 ft^2	FTR SA Primer or Soprema "ELASTOCOL Stick"	VaporTite, self-adhering	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR-601 or OSFA, 6-inch o.c.	SP-BB3	-90.0

TABLE 2C: STEEL DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED TEMP ROOF, BONDED TOP INSULATION, BONDED ROOF COVER										
System No.	Deck (Note 1)	Thermal Barrier			Primer	Temp Roof	Insulation Layer(s)		Roof Cover (Note 15)	MDP (psf)
		Type	Fasten (Note 11)	Attach			Type	Attach (Notes 6,7,8)		
S-102.	Min. 22 ga., Type B, Grade 80 steel	Min. 0.4375-inch DEXcell Cement Roof Board or Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Cement Roof Board or SECUROCK Gypsum-Fiber Roof Board	FiberTite #14 and FiberTite 3-in. Steel Plate or Dekfast PLT-R-3 and Dekfast DF-#14-PH3	1 per 1.0 ft^2	ASTM D41	SBS-AA	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	hot asphalt or FTR-601 or OSFA, 6-inch o.c.	SP-BB3	-90.0
S-103.	Min. 22 ga., Type B, Grade 80 steel	Min. 0.4375-inch DEXcell Cement Roof Board or Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Cement Roof Board or SECUROCK Gypsum-Fiber Roof Board	FiberTite #14 and FiberTite 3-in. Steel Plate or Dekfast PLT-R-3 and Dekfast DF-#14-PH3	1 per 1.0 ft^2	ASTM D41	SBS-TA	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	hot asphalt or FTR-601 or OSFA, 6-inch o.c.	SP-BB3	-90.0
S-104.	Min. 22 ga., Type B, Grade 80 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Cement Roof Board	FiberTite #14 and FiberTite 3-in. Steel Plate or Dekfast PLT-R-3 and Dekfast DF-#14-PH3	1 per 1.0 ft^2	FTR SA Primer or Soprema "ELASTOCOL Stick"	VaporTite, self-adhering	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR-601 or OSFA, 6-inch o.c.	SP-BB3	-105.0
FIBERTITE-FB APPLICATIONS:										
S-105.	Min. 22 ga., Type B, Grade 33 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 4.0 ft^2	None	VaporTite, self-adhering	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H followed by min. 0.25-inch SECUROCK Gypsum Fiber Roof Board	FTR-601 or OSFA	SP-FB1, SP-FB2, SP-FB3, SP-FB4 or SP-FB5	-45.0*
S-106.	Min. 22 ga., Type B, Grade 33 steel	Min. 0.5-inch SECUROCK Cement Roof Board	Note 2	1 per 4.0 ft^2	ASTM D41	SBS-TA	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H followed by min. 0.25-inch SECUROCK Gypsum Fiber Roof Board	FTR-601 or OSFA	SP-FB1, SP-FB2, SP-FB3, SP-FB4 or SP-FB5	-45.0*
S-107.	Min. 22 ga., Type B, Grade 33 steel	Min. 0.4375-inch DEXcell Cement Roof Board or Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Cement Roof Board or SECUROCK Gypsum-Fiber Roof Board	FiberTite #14 and FiberTite 3-in. Steel Plate or Dekfast PLT-R-3 and Dekfast DF-#14-PH3	1 per 2.0 ft^2	FTR SA Primer or Soprema "ELASTOCOL Stick"	VaporTite, self-adhering	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR-601 or OSFA	SP-FB1, SP-FB3, SP-FB4 or SP-FB5	-52.5
S-108.	Min. 22 ga., Type B, Grade 33 steel	Min. 0.4375-inch DEXcell Cement Roof Board or Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Cement Roof Board or SECUROCK Gypsum-Fiber Roof Board	FiberTite #14 and FiberTite 3-in. Steel Plate or Dekfast PLT-R-3 and Dekfast DF-#14-PH3	1 per 2.0 ft^2	ASTM D41	SBS-AA	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	hot asphalt, FTR-601 or OSFA	SP-FB1, SP-FB3, SP-FB4 or SP-FB5	-52.5

TABLE 2C: STEEL DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED TEMP ROOF, BONDED TOP INSULATION, BONDED ROOF COVER										
System No.	Deck (Note 1)	Thermal Barrier			Primer	Temp Roof	Insulation Layer(s)		Roof Cover (Note 15)	MDP (psf)
		Type	Fasten (Note 11)	Attach			Type	Attach (Notes 6,7,8)		
S-109.	Min. 22 ga., Type B, Grade 33 steel	Min. 0.4375-inch DEXcell Cement Roof Board or Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Cement Roof Board or SECUROCK Gypsum-Fiber Roof Board	FiberTite #14 and FiberTite 3-in. Steel Plate or Dekfast PLT-R-3 and Dekfast DF-#14-PH3	1 per 2.0 ft^2	ASTM D41	SBS-TA	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	hot asphalt, FTR-601 or OSFA	SP-FB1, SP-FB3, SP-FB4 or SP-FB5	-52.5
S-110.	Min. 22 ga., Type B, Grade 33 steel	Min. 0.4375-inch DEXcell Cement Roof Board or Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Cement Roof Board or SECUROCK Gypsum-Fiber Roof Board	FiberTite #14 and FiberTite 3-in. Steel Plate or Dekfast PLT-R-3 and Dekfast DF-#14-PH3	1 per 1.3 ft^2	FTR SA Primer or Soprema "ELASTOCOL Stick"	VaporTite, self-adhering	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR-601 or OSFA, 6-inch o.c.	SP-FB1, SP-FB3, SP-FB4 or SP-FB5	-75.0
S-111.	Min. 22 ga., Type B, Grade 33 steel	Min. 0.4375-inch DEXcell Cement Roof Board or Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Cement Roof Board or SECUROCK Gypsum-Fiber Roof Board	FiberTite #14 and FiberTite 3-in. Steel Plate or Dekfast PLT-R-3 and Dekfast DF-#14-PH3	1 per 1.3 ft^2	ASTM D41	SBS-AA	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	hot asphalt or FTR-601 or OSFA, 6-inch o.c.	SP-FB1, SP-FB3, SP-FB4 or SP-FB5	-75.0
S-112.	Min. 22 ga., Type B, Grade 33 steel	Min. 0.4375-inch DEXcell Cement Roof Board or Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Cement Roof Board or SECUROCK Gypsum-Fiber Roof Board	FiberTite #14 and FiberTite 3-in. Steel Plate or Dekfast PLT-R-3 and Dekfast DF-#14-PH3	1 per 1.3 ft^2	ASTM D41	SBS-TA	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	hot asphalt or FTR-601 or OSFA, 6-inch o.c.	SP-FB1, SP-FB3, SP-FB4 or SP-FB5	-75.0
S-113.	Min. 22 ga., Type B, Grade 33 steel	Min. 0.4375-inch DEXcell Cement Roof Board or Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Cement Roof Board or SECUROCK Gypsum-Fiber Roof Board	FiberTite #14 and FiberTite 3-in. Steel Plate or Dekfast PLT-R-3 and Dekfast DF-#14-PH3	1 per 1.0 ft^2	FTR SA Primer or Soprema "ELASTOCOL Stick"	VaporTite, self-adhering	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR-601 or OSFA, 6-inch o.c.	SP-FB1, SP-FB3, SP-FB4 or SP-FB5	-82.5
S-114.	Min. 22 ga., Type B, Grade 33 steel	Min. 0.4375-inch DEXcell Cement Roof Board or Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Cement Roof Board or SECUROCK Gypsum-Fiber Roof Board	FiberTite #14 and FiberTite 3-in. Steel Plate or Dekfast PLT-R-3 and Dekfast DF-#14-PH3	1 per 1.0 ft^2	ASTM D41	SBS-AA	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	hot asphalt or FTR-601 or OSFA, 6-inch o.c.	SP-FB1, SP-FB3, SP-FB4 or SP-FB5	-82.5

TABLE 2C: STEEL DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED TEMP ROOF, BONDED TOP INSULATION, BONDED ROOF COVER										
System No.	Deck (Note 1)	Thermal Barrier			Primer	Temp Roof	Insulation Layer(s)		Roof Cover (Note 15)	MDP (psf)
		Type	Fasten (Note 11)	Attach			Type	Attach (Notes 6,7,8)		
S-115.	Min. 22 ga., Type B, Grade 33 steel	Min. 0.4375-inch DEXcell Cement Roof Board or Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Cement Roof Board or SECUROCK Gypsum-Fiber Roof Board	FiberTite #14 and FiberTite 3-in. Steel Plate or Dekfast PLT-R-3 and Dekfast DF-#14-PH3	1 per 1.0 ft^2	ASTM D41	SBS-TA	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	hot asphalt or FTR-601 or OSFA, 6-inch o.c.	SP-FB1, SP-FB3, SP-FB4 or SP-FB5	-82.5
S-116.	Min. 22 ga., Type B, Grade 80 steel	Min. 0.4375-inch DEXcell Cement Roof Board or Min. 0.5-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FiberTite #14 and FiberTite 3-in. Steel Plate or Dekfast PLT-R-3 and Dekfast DF-#14-PH3	1 per 1.0 ft^2	FTR SA Primer or Soprema "ELASTOCOL Stick"	VaporTite, self-adhering	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR-601 or OSFA, 6-inch o.c.	SP-FB1, SP-FB3, SP-FB4 or SP-FB5	-90.0
S-117.	Min. 22 ga., Type B, Grade 80 steel	Min. 0.4375-inch DEXcell Cement Roof Board or Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Cement Roof Board or SECUROCK Gypsum-Fiber Roof Board	FiberTite #14 and FiberTite 3-in. Steel Plate or Dekfast PLT-R-3 and Dekfast DF-#14-PH3	1 per 1.0 ft^2	ASTM D41	SBS-AA	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	hot asphalt or FTR-601 or OSFA, 6-inch o.c.	SP-FB1, SP-FB3, SP-FB4 or SP-FB5	-90.0
S-118.	Min. 22 ga., Type B, Grade 80 steel	Min. 0.4375-inch DEXcell Cement Roof Board or Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Cement Roof Board or SECUROCK Gypsum-Fiber Roof Board	FiberTite #14 and FiberTite 3-in. Steel Plate or Dekfast PLT-R-3 and Dekfast DF-#14-PH3	1 per 1.0 ft^2	ASTM D41	SBS-TA	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	hot asphalt or FTR-601 or OSFA, 6-inch o.c.	SP-FB1, SP-FB3, SP-FB4 or SP-FB5	-90.0
S-119.	Min. 22 ga., Type B, Grade 80 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Cement Roof Board	FiberTite #14 and FiberTite 3-in. Steel Plate or Dekfast PLT-R-3 and Dekfast DF-#14-PH3	1 per 1.0 ft^2	FTR SA Primer or Soprema "ELASTOCOL Stick"	VaporTite, self-adhering	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR-601 or OSFA, 6-inch o.c.	SP-FB1, SP-FB3, SP-FB4 or SP-FB5	-105.0

TABLE 2D: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER							
System No.	Deck (Note 1)	Base Insulation Layer (Note 13)	Top Insulation Layer			Roof Cover (Note 15)	MDP (psf)
			Type	Fasteners (Note 11)	Attach		
FIBERTITE, FIBERTITE-XT, FIBERTITE-SM OR FIBERTITE XTREME APPLIED IN FTR-190E:							
S-120.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 2.7 ft2	SP-BB1 or SP-BB2	-37.5*
S-121.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	Min. 5/8-inch SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 4.0 ft2	SP-BB1 or SP-BB2	-45.0*
S-122.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 2.0 ft2	SP-BB1 or SP-BB2	-45.0*
S-123.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 0.4375-inch DEXcell Cement Roof Board	Note 2	1 per 2.7 ft2	SP-BB1 or SP-BB2	-45.0*
S-124.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or DensDeck Prime	Note 2	1 per 1.3 ft2	SP-BB1 or SP-BB2	-67.5
S-125.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	Min. 5/8-inch SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 1.6 ft2	SP-BB1 or SP-BB2	-82.5
S-126.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, DensDeck or DensDeck Prime	Note 2	1 per 1.0 ft2	SP-BB1 or SP-BB2	-97.5
FIBERTITE OR FIBERTITE-XT APPLIED IN ALPHA-TITE BONDING ADHESIVE:							
S-127.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 2.7 ft2	SP-BB3	-37.5*
S-128.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	Min. 5/8-inch SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 4.0 ft2	SP-BB3	-45.0*
S-129.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 2.0 ft2	SP-BB3	-45.0*
S-130.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	Note 2	1 per 2.7 ft2	SP-BB3	-45.0*
S-131.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 1.3 ft2	SP-BB3	-67.5
S-132.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	Min. 5/8-inch SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 1.6 ft2	SP-BB3	-82.5
S-133.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 1.0 ft2	SP-BB3	-97.5
FIBERTITE-FB APPLIED IN FTR-290:							
S-134.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 2.7 ft2	SP-FB1	-37.5*
S-135.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 2.0 ft2	SP-FB1	-45.0*

TABLE 2D: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER							
System No.	Deck (Note 1)	Base Insulation Layer (Note 13)	Top Insulation Layer			Roof Cover (Note 15)	MDP (psf)
			Type	Fasteners (Note 11)	Attach		
S-136.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	Min. 5/8-inch SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 4.0 ft2	SP-FB1	-45.0*
S-137.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 0.4375-inch DEXcell Cement Roof Board	Note 2	1 per 2.7 ft2	SP-FB1	-45.0*
S-138.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or DensDeck Prime	Note 2	1 per 1.3 ft2	SP-FB1	-67.5
S-139.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	Min. 5/8-inch SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 1.6 ft2	SP-FB1	-82.5
FIBERTITE-FB APPLIED IN FTR-390:							
S-140.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 2.7 ft2	SP-FB2	-37.5*
S-141.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 2.0 ft2	SP-FB2	-45.0*
S-142.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	Min. 5/8-inch SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 4.0 ft2	SP-FB2	-45.0*
S-143.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 0.4375-inch DEXcell Cement Roof Board	Note 2	1 per 2.7 ft2	SP-FB2	-45.0*
S-144.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or DensDeck Prime	Note 2	1 per 1.3 ft2	SP-FB2	-67.5
S-145.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	Min. 5/8-inch SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 1.6 ft2	SP-FB2	-82.5
FIBERTITE-FB APPLIED IN HOT ASPHALT:							
S-146.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 2.7 ft2	SP-FB4	-37.5*
S-147.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 2.0 ft2	SP-FB4	-45.0*
S-148.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	Min. 5/8-inch SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 4.0 ft2	SP-FB4	-45.0*
S-149.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 0.4375-inch DEXcell Cement Roof Board	Note 2	1 per 2.7 ft2	SP-FB4	-45.0*
S-150.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or DensDeck Prime	Note 2	1 per 1.3 ft2	SP-FB4	-67.5
S-151.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	Min. 5/8-inch SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 1.6 ft2	SP-FB4	-82.5
FIBERTITE-FB APPLIED IN POLYSET CR-20 (SPATTER):							

TABLE 2D: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER							
System No.	Deck (Note 1)	Base Insulation Layer (Note 13)	Top Insulation Layer			Roof Cover (Note 15)	MDP (psf)
			Type	Fasteners (Note 11)	Attach		
S-152.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 2.7 ft2	SP-FB5	-37.5*
S-153.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	Min. 1.5-inch FTR-Value, ACFoam II, H-Shield, FTR-Value H Glass Facer or H-Shield CG	Note 2	1 per 2.0 ft2	SP-FB5	-45.0*
S-154.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or DensDeck Prime	Note 2	1 per 2.0 ft2	SP-FB5	-45.0*
S-155.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	Min. 5/8-inch SECUROCK Gypsum-Fiber Roof Board or DensDeck Prime	Note 2	1 per 4.0 ft2	SP-FB5	-45.0*
S-156.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 0.4375-inch DEXcell Cement Roof Board	Note 2	1 per 2.7 ft2	SP-FB5	-45.0*
S-157.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or DensDeck Prime	Note 2	1 per 1.3 ft2	SP-FB5	-67.5
S-158.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	Min. 5/8-inch SECUROCK Gypsum-Fiber Roof Board or DensDeck Prime	Note 2	1 per 1.6 ft2	SP-FB5	-82.5
S-159.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or DensDeck Prime	Note 2	1 per 1.0 ft2	SP-FB5	-105.0

TABLE 2E: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED BASE PLY(S), BONDED ROOF COVER									
System No.	Deck (Note 1)	Base Insulation Layer (Note 13)	Top Insulation Layer			Roof Cover (Note 15)			MDP (psf)
			Type	Fasteners (Note 11)	Attach	Base Ply	Ply	Cap Ply	
S-160.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	(Optional for recover) One or more layers, any combination	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 2.0 ft2	SBS-AA	(Optional) SBS-AA	SP-FB2 or SP-FB4	-45.0*
S-161.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	(Optional for recover) One or more layers, any combination	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 2.0 ft2	SBS-TA	(Optional) SBS-TA	SP-FB2 or SP-FB4	-45.0*

TABLE 2F: STEEL DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER SYSTEM TYPE C-2: MECHANICALLY ATTACHED INSULATION, PLATE-BONDED ROOF COVER						
System No.	Deck (Note 1)	Insulation Layer (Note 13)	Attach		Roof Cover (Note 15B)	MDP (psf)
			Fasteners (Note 11)	Density		
FTR-IW ISOWELD® SYSTEMS:						
S-162.	Min. 22 ga., type B, Grade 33 steel	One or more layers, any combination, min. 1.5-inch	FiberTite Magnum or Dekfast DF-#15-PH3 with FTR-IW isoweld® Plate	1 per 8 ft² (Four parts per 4x8 ft board) 2 x 4 ft grid	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded to FTR-IW isoweld® Plates with *isoweld* Induction Bonding Tool and *isoweld* Magnets.	-30.0*
S-163.	Min. 22 ga., type B, Grade 33 steel	One or more layers, any combination, min. 1.5-inch	FiberTite #12, Dekfast DF-#12-PH3, FiberTite #14 or Dekfast DF-#14-PH3 with FTR-IW isoweld® Plate	1 per 5.3 ft² (Six parts per 4x8 ft board)	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded to FTR-IW isoweld® Plates with *isoweld* Induction Bonding Tool and *isoweld* Magnets.	-30.0*
S-164.	Min. 22 ga., Type B, Grade 33 steel, 5/8" puddle welds, 6" o.c.	One or more layers, any combination, min. 0.5-inch	FiberTite Magnum or Dekfast DF-#15-PH3 with FTR-IW isoweld® Plate	1 per 4.0 ft² (Eight parts per 4x8 ft board) 2 x 2 ft grid, staggered 6-inches	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded to FTR-IW isoweld® Plates with *isoweld* Induction Bonding Tool and *isoweld* Magnets.	-37.5
S-165.	Min. 22 ga., type B, Grade 80 steel	One or more layers, any combination, min. 1.5-inch	FiberTite Magnum or Dekfast DF-#15-PH3 with FTR-IW isoweld® Plate	1 per 8 ft² (Four parts per 4x8 ft board) 2 x 4 ft grid	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded to FTR-IW isoweld® Plates with *isoweld* Induction Bonding Tool and *isoweld* Magnets.	-37.5*
S-166.	Min. 22 ga., type B, Grade 80 steel	One or more layers, any combination, min. 1.5-inch	FiberTite #12 or Dekfast DF-#12-PH3 with SFS FTR-IW isoweld® Plate	1 per 6 ft² 2x3-ft grid, staggered	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded to FTR-IW isoweld® Plates with *isoweld* Induction Bonding Tool and *isoweld* Magnets.	-37.5
S-167.	Min. 22 ga., type B, Grade 33 steel	One or more layers, any combination, min. 1.5-inch thick x min. 4 x 8 ft, preliminarily attached	FiberTite Magnum or Dekfast DF-#15-PH3 with FTR-IW isoweld® Plate	12-inch o.c. in rows 60-inch o.c.	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded to FTR-IW isoweld® Plates with *isoweld* Induction Bonding Tool and *isoweld* Magnets.	-37.5
S-168.	Min. 22 ga., type B, Grade 33 steel	One or more layers, any combination, min. 1.5-inch	FiberTite Magnum or Dekfast DF-#15-PH3 with FTR-IW isoweld® Plate	1 per 5.3 ft² (Six parts per 4x8 ft board)	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded to FTR-IW isoweld® Plates with *isoweld* Induction Bonding Tool and *isoweld* Magnets.	-45.0*
S-169.	Min. 22 ga., type B, Grade 33 steel, 6 ft span, Tek 5 screws, 6" o.c.	One or more layers, any combination, min. 1.5-inch	FiberTite Magnum or Dekfast DF-#15-PH3 with FTR-IW isoweld® Plate	1 per 4.0 ft² (Eight parts per 4x8 ft board) 2 x 2 ft grid	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded to FTR-IW isoweld® Plates with *isoweld* Induction Bonding Tool and *isoweld* Magnets.	-45.0
S-170.	Min. 22 ga., type B, Grade 33 steel	One or more layers, any combination, min. 1.5-inch thick x min. 4 x 8 ft	FiberTite Magnum or Dekfast DF-#15-PH3 with FTR-IW isoweld® Plate	2 x 2 ft grid pattern with first row of fasteners spaced 1 ft from corner edges	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded to FTR-IW isoweld® Plates with *isoweld* Induction Bonding Tool and *isoweld* Magnets.	-45.0
S-171.	Min. 22 ga., type B, Grade 40 steel	One or more layers, any combination, min. 1.5-inch	FiberTite Magnum or Dekfast DF-#15-PH3 with SFS FTR-IW isoweld® Plate	12-inch o.c. in rows 60-inch o.c.	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded to FTR-IW isoweld® Plates with *isoweld* Induction Bonding Tool and *isoweld* Magnets.	-45.0

TABLE 2F: STEEL DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER SYSTEM TYPE C-2: MECHANICALLY ATTACHED INSULATION, PLATE-BONDED ROOF COVER						
System No.	**Deck (Note 1)**	**Insulation Layer (Note 13)**	**Attach**		**Roof Cover (Note 15B)**	**MDP (psf)**
			Fasteners (Note 11)	**Density**		
S-172.	Min. 22 ga., type B, Grade 80 steel	One or more layers, any combination, min. 1.5-inch	FiberTite #12 or Dekfast DF-#12-PH3 with SFS FTR-IW isoweld® Plate	12-inch o.c. in rows 60-inch o.c.	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded to FTR-IW isoweld® Plates with *isoweld* Induction Bonding Tool and *isoweld* Magnets.	-45.0
S-173.	Min. 22 ga., type B, Grade 40 steel	One or more layers, any combination, min. 1.5-inch	FiberTite Magnum or Dekfast DF-#15-PH3 with SFS FTR-IW isoweld® Plate	1 per 6 ft^2 2x3-ft grid, staggered	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded to FTR-IW isoweld® Plates with *isoweld* Induction Bonding Tool and *isoweld* Magnets.	-52.5
S-174.	Min. 22 ga., type B, Grade 80 steel	One or more layers, any combination, min. 1.5-inch	FiberTite #12 or Dekfast DF-#12-PH3 with SFS FTR-IW isoweld® Plate	1 per 4.0 ft^2 2x2-ft grid, staggered	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded to FTR-IW isoweld® Plates with *isoweld* Induction Bonding Tool and *isoweld* Magnets.	-52.5
S-175.	Min. 22 ga., type B, Grade 80 steel	One or more layers, any combination, min. 1.5-inch thick, min. 16-psi compressive strength, loose laid or preliminarily attached	FiberTite Magnum or Dekfast DF-#15-PH3 with FTR-IW isoweld® Plate	12-inch o.c. in rows 60-inch o.c.	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded to FTR-IW isoweld® Plates with *isoweld* Induction Bonding Tool and *isoweld* Magnets.	-52.5
S-176.	Min. 22 ga., type B, Grade 33 steel	One or more layers, any combination, min. 1.5-inch thick x min. 4 x 8 ft, preliminarily attached	FiberTite Magnum or Dekfast DF-#15-PH3 with FTR-IW isoweld® Plate	6-inch o.c. in rows 60-inch o.c.	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded to FTR-IW isoweld® Plates with *isoweld* Induction Bonding Tool and *isoweld* Magnets.	-60.0
S-177.	Min. 22 ga., type B, Grade 33 steel	One or more layers, any combination, min. 1.5-inch thick x min. 4 x 8 ft	FiberTite Magnum or Dekfast DF-#15-PH3 with FTR-IW isoweld® Plate	1.5 x 2 ft grid pattern with first row of fasteners spaced 0.5 ft from the long edge and 1 ft from the short edge	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded to FTR-IW isoweld® Plates with *isoweld* Induction Bonding Tool and *isoweld* Magnets.	-67.5
S-178.	Min. 22 ga., type B, Grade 33 steel	One or more layers, any combination, min. 1.5-inch	FiberTite Magnum or Dekfast DF-#15-PH3 with FTR-IW isoweld® Plate	1 per 3.2 ft^2 (Ten parts per 4x8 ft board) Per FM Data Sheet 1-29	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded to FTR-IW isoweld® Plates with *isoweld* Induction Bonding Tool and *isoweld* Magnets.	-75.0
S-179.	Min. 22 ga., type B, Grade 33 steel	One or more layers, any combination, min. 1.5-inch thick x min. 4 x 8 ft	FiberTite Magnum or Dekfast DF-#15-PH3 with FTR-IW isoweld® Plate	1.5 x 1.5 ft grid pattern with first row of fasteners spaced 0.5 ft from the long edge and 1 ft from the short edge	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded to FTR-IW isoweld® Plates with *isoweld* Induction Bonding Tool and *isoweld* Magnets.	-82.5
S-180.	Min. 22 ga., type B, Grade 40 steel	One or more layers, any combination, min. 1.5-inch	FiberTite Magnum or Dekfast DF-#15-PH3 with SFS FTR-IW isoweld® Plate	1 per 3 ft^2 1.5 x 2-ft grid, staggered	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded to FTR-IW isoweld® Plates with *isoweld* Induction Bonding Tool and *isoweld* Magnets.	-82.5
S-181.	Min. 22 ga., type B, Grade 80 steel	One or more layers, any combination, min. 1.5-inch	FiberTite #12 or Dekfast DF-#12-PH3 with SFS FTR-IW isoweld® Plate	1 per 3 ft^2 1.5 x 2-ft grid, staggered	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded to FTR-IW isoweld® Plates with *isoweld* Induction Bonding Tool and *isoweld* Magnets.	-82.5
S-182.	Min. 22 ga., type B, Grade 40 steel	One or more layers, any combination, min. 1.5-inch	FiberTite Magnum or Dekfast DF-#15-PH3 with SFS FTR-IW isoweld® Plate	6-inch o.c. in rows 60-inch o.c.	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded to FTR-IW isoweld® Plates with *isoweld* Induction Bonding Tool and *isoweld* Magnets.	-90.0

TABLE 2F: STEEL DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER SYSTEM TYPE C-2: MECHANICALLY ATTACHED INSULATION, PLATE-BONDED ROOF COVER						
System No.	Deck (Note 1)	Insulation Layer (Note 13)	Attach		Roof Cover (Note 15B)	MDP (psf)
			Fasteners (Note 11)	Density		
S-183.	Min. 22 ga., type B, Grade 80 steel	One or more layers, any combination, min. 1.5-inch	FiberTite #12 or Dekfast DF-#12-PH3 with SFS FTR-IW isoweld® Plate	6-inch o.c. in rows 60-inch o.c.	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded to FTR-IW isoweld® Plates with *isoweld* Induction Bonding Tool and *isoweld* Magnets.	-90.0
RHINOBOND FASTENING SYSTEM:						
S-184.	Min. 22 ga., type B, Grade 33 steel	One or more layers, any combination, min. 1.5-inch (min. 2-inch for TreadSafe)	FTR Magnum O with FTR-IW RhinoBond Plate or FTR-IW RhinoBond Treadsafe Plate or OMG XHD with RHINOBOND Insulation Plates (PVC) or RHINOBOND TreadSafe Plate (PVC)	Fasteners spaced max. 24-inch o.c. in staggered rows spaced max. 36-inch o.c.	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded to FTR-IW RhinoBond Plates, FTR-IW RhinoBond Treadsafe Plate, RHINOBOND Insulation Plates (PVC) or RHINOBOND TreadSafe Plates (PVC) with RhinoBond Portable Plate Bonding Tool	-45.0*
S-185.	Min. 22 ga., type B, Grade 33 steel	One or more layers, any combination, min. 1.5-inch (min. 2-inch for TreadSafe)	FTR Magnum O with FTR-IW RhinoBond Plate or FTR-IW RhinoBond Treadsafe Plate or OMG XHD with RHINOBOND Insulation Plates (PVC) or RHINOBOND TreadSafe Plate (PVC)	1 per 4.0 ft^2 2 x 2 ft grid, staggered	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded to FTR-IW RhinoBond Plates, FTR-IW RhinoBond Treadsafe Plate, RHINOBOND Insulation Plates (PVC) or RHINOBOND TreadSafe Plates (PVC) with RhinoBond Portable Plate Bonding Tool	-45.0
S-186.	Min. 22 ga., type B, Grade 33 steel	One or more layers, any combination, min. 1.5-inch (min. 2-inch for TreadSafe)	FTR Magnum O with FTR-IW RhinoBond Plate or FTR-IW RhinoBond Treadsafe Plate or OMG XHD with RHINOBOND Insulation Plates (PVC) or RHINOBOND TreadSafe Plate (PVC)	Fasteners spaced max. 12-inch o.c. in rows spaced max. 60-inch o.c.	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded to FTR-IW RhinoBond Plates, FTR-IW RhinoBond Treadsafe Plate, RHINOBOND Insulation Plates (PVC) or RHINOBOND TreadSafe Plates (PVC) with RhinoBond Portable Plate Bonding Tool	-52.5
S-187.	Min. 22 ga., type B, Grade 33 steel	One or more layers, any combination, min. 1.5-inch (min. 2-inch for TreadSafe)	FTR Magnum O with FTR-IW RhinoBond Plate or FTR-IW RhinoBond Treadsafe Plate or OMG XHD with RHINOBOND Insulation Plates (PVC) or RHINOBOND TreadSafe Plate (PVC)	Fasteners spaced max. 6-inch o.c. in rows spaced max. 60-inch o.c.	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded to FTR-IW RhinoBond Plates, FTR-IW RhinoBond Treadsafe Plate, RHINOBOND Insulation Plates (PVC) or RHINOBOND TreadSafe Plates (PVC) with RhinoBond Portable Plate Bonding Tool	-60.0
S-188.	Min. 22 ga., type B, Grade 80 steel	One or more layers, any combination, min. 1.5-inch (min. 2-inch for TreadSafe)	FTR Magnum O with FTR-IW RhinoBond Plate or FTR-IW RhinoBond Treadsafe Plate or OMG XHD with RHINOBOND Insulation Plates (PVC) or RHINOBOND TreadSafe Plate (PVC)	Fasteners spaced max. 24-inch o.c. in staggered rows spaced max. 24-inch o.c.	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded to FTR-IW RhinoBond Plates, FTR-IW RhinoBond Treadsafe Plate, RHINOBOND Insulation Plates (PVC) or RHINOBOND TreadSafe Plates (PVC) with RhinoBond Portable Plate Bonding Tool	-67.5
S-189.	Min. 20 ga., type B, Grade 33 steel	One or more layers, any combination, min. 1.5-inch (min. 2-inch for TreadSafe)	FTR Magnum O with FTR-IW RhinoBond Plate or FTR-IW RhinoBond Treadsafe Plate or OMG XHD with RHINOBOND Insulation Plates (PVC) or RHINOBOND TreadSafe Plate (PVC)	Fasteners spaced max. 6-inch o.c. in rows spaced max. 60-inch o.c.	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded to FTR-IW RhinoBond Plates, FTR-IW RhinoBond Treadsafe Plate, RHINOBOND Insulation Plates (PVC) or RHINOBOND TreadSafe Plates (PVC) with RhinoBond Portable Plate Bonding Tool	-75.0
S-190.	Min. 22 ga., type B, Grade 33 steel	One or more layers, any combination, min. 1.5-inch (min. 2-inch for TreadSafe)	FTR Magnum O with FTR-IW RhinoBond Plate or FTR-IW RhinoBond Treadsafe Plate or OMG XHD with RHINOBOND Insulation Plates (PVC) or RHINOBOND TreadSafe Plate (PVC)	Fasteners spaced max. 6-inch o.c. in rows spaced max. 60-inch o.c.	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded to FTR-IW RhinoBond Plates, FTR-IW RhinoBond Treadsafe Plate, RHINOBOND Insulation Plates (PVC) or RHINOBOND TreadSafe Plates (PVC) with RhinoBond Portable Plate Bonding Tool	-82.5

TABLE 2F: STEEL DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER SYSTEM TYPE C-2: MECHANICALLY ATTACHED INSULATION, PLATE-BONDED ROOF COVER						
System No.	Deck (Note 1)	Insulation Layer (Note 13)	Attach		Roof Cover (Note 15B)	MDP (psf)
			Fasteners (Note 11)	Density		
S-191.	Min. 20 ga., type B, Grade 33 steel	One or more layers, any combination, min. 1.5-inch (min. 2-inch for TreadSafe)	FTR Magnum O with FTR-IW RhinoBond Plate or FTR-IW RhinoBond Treadsafe Plate or OMG XHD with RHINOBOND Insulation Plates (PVC) or RHINOBOND TreadSafe Plate (PVC)	Fasteners spaced max. 6-inch o.c. in rows spaced max. 60-inch o.c.	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded to FTR-IW RhinoBond Plates, FTR-IW RhinoBond Treadsafe Plate, RHINOBOND Insulation Plates (PVC) or RHINOBOND TreadSafe Plates (PVC) with RhinoBond Portable Plate Bonding Tool	-90.0

TABLE 2G: STEEL DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER SYSTEM TYPE D-1: INSULATED, MECHANICALLY ATTACHED ROOF COVER							
System No.	Deck (Note 1)	Insulation (Note 13)		Roof Cover (Note 15A)			MDP (psf)
		Type	Attach (Note 5)	Membrane	Fasteners (Note 11)	Attachment	
OPEN STYLE, GRADE 33 STEEL:							
S-192.	Min. 22 ga., Type B, Grade 33 steel	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Open: 12 x 95-inch	-30.0
S-193.	Min. 22 ga., Type B, Grade 33 steel	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Open: 18 x 51-inch	-45.0
S-194.	Min. 22 ga., Type B, Grade 33 steel	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FTR Magnum2S Plates	Open: 6 x 95-inch	-45.0
S-195.	Min. 22 ga., Type B, Grade 33 steel	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Open: 12 x 69-inch	-45.0
S-196.	Min. 22 ga., Type B, Grade 33 steel	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Open: 12 x 51-inch	-52.5
S-197.	Min. 22 ga., Type B, Grade 33 steel	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Open: 6 x 51-inch	-60.0
S-198.	Min. 22 ga., Type B, Grade 33 steel	Min. 0.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Open: 6 x 69-inch	-52.5
S-199.	Min. 22 ga., Type B, Grade 33 steel	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Open: 6 x 69-inch	-60.0
S-200.	Min. 20 ga., Type B, Grade 33 steel	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Open: 6 x 51-inch	-67.5
S-201.	Min. 22 ga., Type B, Grade 33 steel	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FTR-MagnumT Fastener with FTR Magnum-R275 or Trufast #15 EHD with Trufast 2-3/4" Barbed Metal Seam Plate (EHD)	Open: 6 x 94-inch	-67.5
OPEN STYLE, GRADE 40 STEEL:							
S-202.	Min. 22 ga., Type B, Grade 40 steel	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum-Plus Stress Plate	Open: 6 x 69-inch	-45.0
OPEN STYLE, GRADE 80 STEEL:							

TABLE 2G: STEEL DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER SYSTEM TYPE D-1: INSULATED, MECHANICALLY ATTACHED ROOF COVER							
System No.	Deck (Note 1)	Insulation (Note 13)		Roof Cover (Note 15A)			MDP (psf)
		Type	Attach (Note 5)	Membrane	Fasteners (Note 11)	Attachment	
S-203.	Min. 22 ga., Type B, Grade 80 steel	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FTR-MagnumT Fastener with FTR Magnum-R275 or Trufast #15 EHD with Trufast 2-3/4" Barbed Metal Seam Plate (EHD)	Open: 18 x 954-inch	-30.0
S-204.	Min. 22 ga., Type B, Grade 80 steel	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FTR FiberTite Magnum-Plus Stress Plate	Open: 18 x 95-inch	-30.0
S-205.	Min. 22 ga., Type B, Grade 80 steel	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Open: 12 x 105-inch	-37.5
S-206.	Min. 22 ga., Type B, Grade 80 steel	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Open: 18 x 51-inch	-45.0
S-207.	Min. 22 ga., Type B, Grade 80 steel	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Open: 12 x 72-inch	-45.0
S-208.	Min. 22 ga., Type B, Grade 80 steel	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FTR Magnum2S Plates	Open: 6 x 144-inch	-45.0
S-209.	Min. 22 ga., Type B, Grade 80 steel	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FTR-MagnumT Fastener with FTR Magnum-R275 or Trufast #15 EHD with Trufast 2-3/4" Barbed Metal Seam Plate (EHD)	Open: 12 x 94-inch	-45.0
S-210.	Min. 22 ga., Type B, Grade 80 steel	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FTR FiberTite Magnum-Plus Stress Plate	Open: 12 x 95-inch	-45.0
S-211.	Min. 22 ga., Type B, Grade 80 steel	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FTR FiberTite Magnum-Plus Stress Plate	Open: 6 x 95-inch	-52.5
S-212.	Min. 22 ga., Type B, Grade 80 steel	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Open: 12 x 51-inch	-60.0
S-213.	Min. 22 ga., Type B, Grade 80 steel	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FTR Magnum2S Plates	Open: 6 x 72-inch	-67.5
S-214.	Min. 22 ga., Type BV, Grade 80 steel	Min. 2-inch thick, min. 200 psi Elastizell Lightweight Insulating Concrete (Note 14)	N/A	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate through to engage steel deck	Open: 12 x 51-inch	-75.0
S-215.	Min. 22 ga., Type B, Grade 80 steel	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Open: 6 x 51-inch	-75.0
S-216.	Min. 22 ga., Type B, Grade 80 steel	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Open: 12 x 24-inch	-82.5
CLOSED STYLE, GRADE 33 STEEL:							
S-217.	Min. 22 ga., Type B, Grade 33 steel	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FTR Magnum2S Plates	Closed: 6 x 95-inch	-45.0
S-218.	Min. 22 ga., Type B, Grade 33 steel	Min. 1.5-inch thick, one or more layers, any combination	Prelim. Attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate	Closed: 12 x 69-inch	-45.0

TABLE 2G: STEEL DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER SYSTEM TYPE D-1: INSULATED, MECHANICALLY ATTACHED ROOF COVER							
System No.	Deck (Note 1)	Insulation (Note 13)		Roof Cover (Note 15A)			MDP (psf)
		Type	Attach (Note 5)	Membrane	Fasteners (Note 11)	Attachment	
S-219.	Min. 22 ga., Type B, Grade 33 steel	Min. 1.5-inch thick, one or more layers, any combination	Prelim. Attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate	Closed: 6 x 69-inch	-60.0
S-220.	Min. 22 ga., Type B, Grade 33 steel	Min. 1.5-inch thick, one or more layers, any combination	Prelim. Attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Closed: 6 x 104.5-inch	-60.0
CLOSED STYLE, GRADE 50 STEEL:							
S-221.	Min. 18 ga., Type B, Grade 50 steel	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite XT	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate	Closed: 6 x 48.5-inch	-157.5
CLOSED STYLE, GRADE 80 STEEL:							
S-222.	Min. 22 ga., Type B, Grade 80 steel	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Closed: 12 x 104.5-inch	-45.0
S-223.	Min. 22 ga., Type B, Grade 80 steel	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FTR Magnum2S Plates	Closed: 6 x 144-inch	-52.5
S-224.	Min. 22 ga., Type B, Grade 80 steel	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Closed: 6 x 104.5-inch	-75.0
S-225.	Min. 22 ga., Type B, Grade 80 steel	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Closed: 6 x 94-inch	-82.5
S-226.	Min. 22 ga., Type B, Grade 80 steel	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Closed: 6 x 104.5-inch	-90.0
S-227.	Min. 22 ga., Type B, Grade 80 steel	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Closed: 6 x 47-inch	-112.5

TABLE 3A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF) SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER REFER TO NOTE 16 FOR VAPOR BARRIER OPTIONS							
System No.	Deck (Note 1)	Base Insulation Layer		Top Insulation Layer		Roof Cover (Note 15)	MDP (psf)
		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)		
FIBERTITE, FIBERTITE-XT, FIBERTITE-SM OR FIBERTITE-XTREME APPLIED IN FTR-190E:							
C-1.	Min. 2,500 psi structural concrete	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	hot asphalt	(Optional) Additional layer(s) of base insulation	hot asphalt	SP-BB1 or SP-BB2	-410.0
C-2.	Min. 2,500 psi structural concrete	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	hot asphalt	Min. 0.25-inch DensDeck or DensDeck Prime	hot asphalt	SP-BB1 or SP-BB2	-290.0
C-3.	Min. 2,500 psi structural concrete	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	hot asphalt	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	hot asphalt	SP-BB1 or SP-BB2	-290.0
C-4.	Min. 2,500 psi structural concrete	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	hot asphalt	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 0.4375-inch DEXcell Cement Roof Board	hot asphalt	SP-BB1 or SP-BB2	-375.0
C-5.	Min. 2,500 psi structural concrete	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	FTR-601 or OSFA	(Optional) Additional layer(s) of base insulation	FTR-601 or OSFA	SP-BB1 or SP-BB2	-232.5
C-6.	Min. 2,500 psi structural concrete	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	FTR-601 or OSFA	Min. 0.25-inch DensDeck or DensDeck Prime	FTR-601 or OSFA	SP-BB1 or SP-BB2	-232.5
C-7.	Min. 2,500 psi structural concrete	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	FTR-601 or OSFA	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	FTR-601 or OSFA	SP-BB1 or SP-BB2	-247.5
C-8.	Min. 2,500 psi structural concrete	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	FTR-601 or OSFA	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 0.4375-inch DEXcell Cement Roof Board	FTR-601 or OSFA	SP-BB1 or SP-BB2	-135.0
C-9.	Min. 2,500 psi structural concrete	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	OB-500	(Optional) Additional layer(s) of base insulation	OB-500	SP-BB1 or SP-BB2	-150.0
C-10.	Min. 2,500 psi structural concrete	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	OB-500	Min. 0.25-inch DensDeck or DensDeck Prime	OB-500	SP-BB1 or SP-BB2	-150.0
C-11.	Min. 2,500 psi structural concrete	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	OB-500	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	OB-500	SP-BB1 or SP-BB2	-247.5
C-12.	Min. 2,500 psi structural concrete	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	Polyset Board-Max	(Optional) Additional layer(s) of base insulation	Polyset Board-Max	SP-BB1 or SP-BB2	-247.5
C-13.	Min. 2,500 psi structural concrete	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	Polyset Board-Max	Min. 0.25-inch DensDeck or DensDeck Prime	Polyset Board-Max	SP-BB1 or SP-BB2	-240.0
C-14.	Min. 2,500 psi structural concrete	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	Polyset Board-Max	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	Polyset Board-Max	SP-BB1 or SP-BB2	-247.5
FIBERTITE OR FIBERTITE-XT APPLIED IN ALPHA-TITE BONDING ADHESIVE:							
C-15.	Min. 2,500 psi structural concrete	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	hot asphalt	(Optional) Additional layer(s) of base insulation	hot asphalt	SP-BB3	-410.0
C-16.	Min. 2,500 psi structural concrete	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	hot asphalt	Min. 0.25-inch DensDeck Prime	hot asphalt	SP-BB3	-290.0

TABLE 3A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF) SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER REFER TO NOTE 16 FOR VAPOR BARRIER OPTIONS							
System No.	Deck (Note 1)	Base Insulation Layer		Top Insulation Layer		Roof Cover (Note 15)	MDP (psf)
		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)		
C-17.	Min. 2,500 psi structural concrete	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	hot asphalt	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	hot asphalt	SP-BB3	-290.0
C-18.	Min. 2,500 psi structural concrete	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	hot asphalt	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	hot asphalt	SP-BB3	-375.0
C-19.	Min. 2,500 psi structural concrete	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	FTR-601 or OSFA	(Optional) Additional layer(s) of base insulation	FTR-601 or OSFA	SP-BB3	-232.5
C-20.	Min. 2,500 psi structural concrete	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	FTR-601 or OSFA	Min. 0.25-inch DensDeck Prime	FTR-601 or OSFA	SP-BB3	-232.5
C-21.	Min. 2,500 psi structural concrete	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	FTR-601 or OSFA	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	FTR-601 or OSFA	SP-BB3	-247.5
C-22.	Min. 2,500 psi structural concrete	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	FTR-601 or OSFA	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	FTR-601 or OSFA	SP-BB3	-135.0
C-23.	Min. 2,500 psi structural concrete	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	FTR-601 or OSFA, 6-inch o.c.	(Optional) Additional layer(s) of base insulation and/or min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR-601 or OSFA, 6-inch o.c.	SP-BB3	-417.5
C-24.	Min. 2,500 psi structural concrete	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	OB-500	(Optional) Additional layer(s) of base insulation	OB-500	SP-BB3	-150.0
C-25.	Min. 2,500 psi structural concrete	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	OB-500	Min. 0.25-inch DensDeck Prime	OB-500	SP-BB3	-150.0
C-26.	Min. 2,500 psi structural concrete	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	OB-500	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	OB-500	SP-BB3	-247.5
C-27.	Min. 2,500 psi structural concrete	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	Polyset Board-Max	(Optional) Additional layer(s) of base insulation	Polyset Board-Max	SP-BB3	-247.5
C-28.	Min. 2,500 psi structural concrete	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	Polyset Board-Max	Min. 0.25-inch DensDeck Prime	Polyset Board-Max	SP-BB3	-240.0
C-29.	Min. 2,500 psi structural concrete	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	Polyset Board-Max	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	Polyset Board-Max	SP-BB3	-247.5
FIBERTITE-SM OR FIBERTITE-XTREME APPLIED IN ALPHA-TITE BONDING ADHESIVE:							
C-30.	Min. 2,500 psi structural concrete	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	hot asphalt	(Optional) Additional layer(s) of base insulation	hot asphalt	SP-BB4	-410.0
C-31.	Min. 2,500 psi structural concrete	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	hot asphalt	Min. 0.25-inch DensDeck Prime	hot asphalt	SP-BB4	-290.0
C-32.	Min. 2,500 psi structural concrete	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	hot asphalt	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	hot asphalt	SP-BB4	-290.0

TABLE 3A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF) SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER REFER TO NOTE 16 FOR VAPOR BARRIER OPTIONS							
System No.	Deck (Note 1)	Base Insulation Layer		Top Insulation Layer		Roof Cover (Note 15)	MDP (psf)
		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)		
C-33.	Min. 2,500 psi structural concrete	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	hot asphalt	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	hot asphalt	SP-BB4	-375.0
C-34.	Min. 2,500 psi structural concrete	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	FTR-601 or OSFA	(Optional) Additional layer(s) of base insulation	FTR-601 or OSFA	SP-BB4	-232.5
C-35.	Min. 2,500 psi structural concrete	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	FTR-601 or OSFA	Min. 0.25-inch DensDeck Prime	FTR-601 or OSFA	SP-BB4	-232.5
C-36.	Min. 2,500 psi structural concrete	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	FTR-601 or OSFA	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	FTR-601 or OSFA	SP-BB4	-247.5
C-37.	Min. 2,500 psi structural concrete	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	FTR-601 or OSFA	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	FTR-601 or OSFA	SP-BB4	-135.0
C-38.	Min. 2,500 psi structural concrete	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	FTR-601 or OSFA, 6-inch o.c.	(Optional) Additional layer(s) of base insulation and/or min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR-601 or OSFA, 6-inch o.c.	SP-BB4	-417.5
C-39.	Min. 2,500 psi structural concrete	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	OB-500	(Optional) Additional layer(s) of base insulation	OB-500	SP-BB4	-150.0
C-40.	Min. 2,500 psi structural concrete	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	OB-500	Min. 0.25-inch DensDeck Prime	OB-500	SP-BB4	-150.0
C-41.	Min. 2,500 psi structural concrete	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	OB-500	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	OB-500	SP-BB4	-247.5
C-42.	Min. 2,500 psi structural concrete	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	Polyset Board-Max	(Optional) Additional layer(s) of base insulation	Polyset Board-Max	SP-BB4	-247.5
C-43.	Min. 2,500 psi structural concrete	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	Polyset Board-Max	Min. 0.25-inch DensDeck Prime	Polyset Board-Max	SP-BB4	-240.0
C-44.	Min. 2,500 psi structural concrete	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	Polyset Board-Max	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	Polyset Board-Max	SP-BB4	-247.5
FIBERTITE-FB APPLIED IN FTR-290:							
C-45.	Min. 2,500 psi structural concrete	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	hot asphalt	(Optional) Additional layer(s) of base insulation	hot asphalt	SP-FB1	-410.0
C-46.	Min. 2,500 psi structural concrete	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	hot asphalt	Min. 0.25-inch DensDeck or DensDeck Prime	hot asphalt	SP-FB1	-290.0
C-47.	Min. 2,500 psi structural concrete	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	hot asphalt	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	hot asphalt	SP-FB1	-290.0
C-48.	Min. 2,500 psi structural concrete	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	hot asphalt	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 0.4375-inch DEXcell Cement Roof Board	hot asphalt	SP-FB1	-375.0

TABLE 3A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF) SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER REFER TO NOTE 16 FOR VAPOR BARRIER OPTIONS							
System No.	Deck (Note 1)	Base Insulation Layer		Top Insulation Layer		Roof Cover (Note 15)	MDP (psf)
		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)		
C-49.	Min. 2,500 psi structural concrete	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	FTR-601 or OSFA	(Optional) Additional layer(s) of base insulation	FTR-601 or OSFA	SP-FB1	-232.5
C-50.	Min. 2,500 psi structural concrete	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	FTR-601 or OSFA	Min. 0.25-inch DensDeck or DensDeck Prime	FTR-601 or OSFA	SP-FB1	-232.5
C-51.	Min. 2,500 psi structural concrete	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	FTR-601 or OSFA	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	FTR-601 or OSFA	SP-FB1	-247.5
C-52.	Min. 2,500 psi structural concrete	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	FTR-601 or OSFA	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 0.4375-inch DEXcell Cement Roof Board	FTR-601 or OSFA	SP-FB1	-135.0
C-53.	Min. 2,500 psi structural concrete	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	OB-500	(Optional) Additional layer(s) of base insulation	OB-500	SP-FB1	-150.0
C-54.	Min. 2,500 psi structural concrete	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	OB-500	Min. 0.25-inch DensDeck or DensDeck Prime	OB-500	SP-FB1	-150.0
C-55.	Min. 2,500 psi structural concrete	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	OB-500	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	OB-500	SP-FB1	-247.5
C-56.	Min. 2,500 psi structural concrete	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	Polyset Board-Max	(Optional) Additional layer(s) of base insulation	Polyset Board-Max	SP-FB1	-247.5
C-57.	Min. 2,500 psi structural concrete	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	Polyset Board-Max	Min. 0.25-inch DensDeck or DensDeck Prime	Polyset Board-Max	SP-FB1	-240.0
C-58.	Min. 2,500 psi structural concrete	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	Polyset Board-Max	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	Polyset Board-Max	SP-FB1	-247.5
FIBERTITE-FB APPLIED IN FTR-390 OR FTR-490:							
C-59.	Min. 2,500 psi structural concrete	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	hot asphalt	(Optional) Additional layer(s) of base insulation	hot asphalt	SP-FB2 or SP-FB3	-410.0
C-60.	Min. 2,500 psi structural concrete	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	hot asphalt	Min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	hot asphalt	SP-FB2 or SP-FB3	-290.0
C-61.	Min. 2,500 psi structural concrete	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	hot asphalt	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 0.4375-inch DEXcell Cement Roof Board	hot asphalt	SP-FB2 or SP-FB3	-375.0
C-62.	Min. 2,500 psi structural concrete	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	FTR-601 or OSFA	(Optional) Additional layer(s) of base insulation	FTR-601 or OSFA	SP-FB2 or SP-FB3	-232.5
C-63.	Min. 2,500 psi structural concrete	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	FTR-601 or OSFA	Min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR-601 or OSFA	SP-FB2 or SP-FB3	-232.5
C-64.	Min. 2,500 psi structural concrete	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	FTR-601 or OSFA	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 0.4375-inch DEXcell Cement Roof Board	FTR-601 or OSFA	SP-FB2 or SP-FB3	-135.0
C-65.	Min. 2,500 psi structural concrete	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	OB-500	(Optional) Additional layer(s) of base insulation	OB-500	SP-FB2 or SP-FB3	-150.0

TABLE 3A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF) SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER REFER TO NOTE 16 FOR VAPOR BARRIER OPTIONS							
System No.	Deck (Note 1)	Base Insulation Layer		Top Insulation Layer		Roof Cover (Note 15)	MDP (psf)
		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)		
C-66.	Min. 2,500 psi structural concrete	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	OB-500	Min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	OB-500	SP-FB2 or SP-FB3	-150.0
C-67.	Min. 2,500 psi structural concrete	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	Polyset Board-Max	(Optional) Additional layer(s) of base insulation	Polyset Board-Max	SP-FB2 or SP-FB3	-247.5
C-68.	Min. 2,500 psi structural concrete	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	Polyset Board-Max	Min. 0.25-inch DensDeck or DensDeck Prime	Polyset Board-Max	SP-FB2 or SP-FB3	-240.0
C-69.	Min. 2,500 psi structural concrete	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	Polyset Board-Max	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	Polyset Board-Max	SP-FB2 or SP-FB3	-247.5
FIBERTITE-FB APPLIED IN HOT ASPHALT:							
C-70.	Min. 2,500 psi structural concrete	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	hot asphalt	Min. 0.25-inch DensDeck or DensDeck Prime	hot asphalt	SP-FB4	-290.0
C-71.	Min. 2,500 psi structural concrete	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	hot asphalt	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	hot asphalt	SP-FB4	-290.0
C-72.	Min. 2,500 psi structural concrete	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	hot asphalt	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 0.4375-inch DEXcell Cement Roof Board	hot asphalt	SP-FB4	-375.0
C-73.	Min. 2,500 psi structural concrete	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	FTR-601 or OSFA	Min. 0.25-inch DensDeck or DensDeck Prime	FTR-601 or OSFA	SP-FB4	-232.5
C-74.	Min. 2,500 psi structural concrete	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	FTR-601 or OSFA	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	FTR-601 or OSFA	SP-FB4	-247.5
C-75.	Min. 2,500 psi structural concrete	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	FTR-601 or OSFA	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 0.4375-inch DEXcell Cement Roof Board	FTR-601 or OSFA	SP-FB4	-135.0
C-76.	Min. 2,500 psi structural concrete	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	OB-500	Min. 0.25-inch DensDeck or DensDeck Prime	OB-500	SP-FB4	-150.0
C-77.	Min. 2,500 psi structural concrete	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	OB-500	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	OB-500	SP-FB4	-247.5
C-78.	Min. 2,500 psi structural concrete	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	Polyset Board-Max	Min. 0.25-inch DensDeck or DensDeck Prime	Polyset Board-Max	SP-FB4	-240.0
C-79.	Min. 2,500 psi structural concrete	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	Polyset Board-Max	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	Polyset Board-Max	SP-FB4	-247.5
FIBERTITE-FB APPLIED IN POLYSET CR-20 (SPATTER):							
C-80.	Min. 2,500 psi structural concrete	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	hot asphalt	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	hot asphalt	SP-FB5	-210.0
C-81.	Min. 2,500 psi structural concrete	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	hot asphalt	Min. 0.4375-inch DEXcell Cement Roof Board	hot asphalt	SP-FB5	-375.0

TABLE 3A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF) SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER REFER TO NOTE 16 FOR VAPOR BARRIER OPTIONS							
System No.	Deck (Note 1)	Base Insulation Layer		Top Insulation Layer		Roof Cover (Note 15)	MDP (psf)
		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)		
C-82.	Min. 2,500 psi structural concrete	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	FTR-601 or OSFA	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR-601 or OSFA	SP-FB5	-210.0
C-83.	Min. 2,500 psi structural concrete	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	FTR-601 or OSFA	Min. 0.4375-inch DEXcell Cement Roof Board	FTR-601 or OSFA	SP-FB5	-135.0
C-84.	Min. 2,500 psi structural concrete	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	OB-500	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	OB-500	SP-FB5	-105.0
C-85.	Min. 2,500 psi structural concrete	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	Polyset Board-Max	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Polyset Board-Max	SP-FB5	-210.0

TABLE 3B: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF) SYSTEM TYPE A-1: BONDED INSULATION, BONDED BASE PLY(S), BONDED ROOF COVER REFER TO NOTE 16 FOR VAPOR BARRIER OPTIONS									
System No.	Deck (Note 1)	Base Insulation Layer		Top Insulation Layer		Roof Cover (Note 15)			MDP (psf)
		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
FIBERTITE-FB APPLIED IN FTR-390:									
C-86.	Min. 2,500 psi structural concrete primed with ASTM D41	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	hot asphalt	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	hot asphalt	SBS-AA	(Optional) SBS-AA	SP-FB2	-232.5
C-87.	Min. 2,500 psi structural concrete primed with ASTM D41	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	hot asphalt	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	hot asphalt	SBS-TA	(Optional) SBS-TA	SP-FB2	-232.5
C-88.	Min. 2,500 psi structural concrete	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	FTR-601 or OSFA	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR-601 or OSFA	SBS-AA	(Optional) SBS-AA	SP-FB2	-232.5
C-89.	Min. 2,500 psi structural concrete	Min. 1.5-inch ACFoam II, FTR-VALUE A, H-Shield or FTR-VALUE H	FTR-601 or OSFA	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR-601 or OSFA	SBS-CA1	None	SP-FB2	-67.5
C-90.	Min. 2,500 psi structural concrete	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	FTR-601 or OSFA	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR-601 or OSFA	SBS-TA	(Optional) SBS-TA	SP-FB2	-232.5
FIBERTITE-FB APPLIED IN HOT ASPHALT:									
C-91.	Min. 2,500 psi structural concrete primed with ASTM D41	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	hot asphalt	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	hot asphalt	SBS-AA	(Optional) SBS-AA	SP-FB4	-232.5

TABLE 3B: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF) SYSTEM TYPE A-1: BONDED INSULATION, BONDED BASE PLY(S), BONDED ROOF COVER REFER TO NOTE 16 FOR VAPOR BARRIER OPTIONS									
System No.	Deck (Note 1)	Base Insulation Layer		Top Insulation Layer		Roof Cover (Note 15)			MDP (psf)
		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
C-92.	Min. 2,500 psi structural concrete primed with ASTM D41	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	hot asphalt	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	hot asphalt	SBS-TA	(Optional) SBS-TA	SP-FB4	-232.5
C-93.	Min. 2,500 psi structural concrete	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	FTR-601 or OSFA	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR-601 or OSFA	SBS-AA	(Optional) SBS-AA	SP-FB4	-232.5
C-94.	Min. 2,500 psi structural concrete	Min. 1.5-inch ACFoam II, FTR-VALUE A, H-Shield or FTR-VALUE H	FTR-601 or OSFA	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR-601 or OSFA	SBS-CA1	None	SP-FB4	-67.5
C-95.	Min. 2,500 psi structural concrete	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	FTR-601 or OSFA	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR-601 or OSFA	SBS-TA	(Optional) SBS-TA	SP-FB4	-232.5

TABLE 3C: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER SYSTEM TYPE C-2: MECHANICALLY ATTACHED INSULATION, PLATE-BONDED ROOF COVER						
System No.	Deck (Note 1)	Insulation Layer (Note 13)	Attach		Roof Cover (Note 15B)	MDP (psf)
			Fasteners (Note 11)	Density		
FTR-IW ISOWELD® SYSTEMS:						
C-96.	Min. 2,500 psi structural concrete	One or more layers, any combination, min. 1.5-inch	FiberTite Magnum or Dekfast DF-#15-PH3 with FTR-IW isoweld® Plate	1 per 8 ft² (Four parts per 4x8 ft board) 2 x 4 ft grid	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded to FTR-IW isoweld® Plates with *isoweld* Induction Bonding Tool and *isoweld* Magnets.	-37.5*
C-97.	Min. 2,500 psi structural concrete	One or more layers, any combination, min. 1.5-inch	FiberTite Magnum or Dekfast DF-#15-PH3 with FTR-IW isoweld® Plate	1 per 5.3 ft² (Six parts per 4x8 ft board)	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded to FTR-IW isoweld® Plates with *isoweld* Induction Bonding Tool and *isoweld* Magnets.	-45.0*
C-98.	Min. 2,500 psi structural concrete	One or more layers, any combination, min. 1.5-inch	FiberTite Magnum or Dekfast DF-#15-PH3 with FTR-IW isoweld® Plate	1 per 4.0 ft² (Eight parts per 4x8 ft board) 2 x 2 ft grid	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded to FTR-IW isoweld® Plates with *isoweld* Induction Bonding Tool and *isoweld* Magnets.	-45.0
C-99.	Min. 2,500 psi structural concrete	One or more layers, any combination, min. 1.5-inch thick x min. 4 x 8 ft	FiberTite Magnum or Dekfast DF-#15-PH3 with FTR-IW isoweld® Plate	2 x 2 ft grid pattern with first row of fasteners spaced 1 ft from corner edges	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded to FTR-IW isoweld® Plates with *isoweld* Induction Bonding Tool and *isoweld* Magnets.	-45.0
C-100.	Min. 2,500 psi structural concrete	One or more layers, any combination, min. 1.5-inch	FiberTite #14, Dekfast DF-#14-PH3, FiberTite Magnum or Dekfast DF-#15-PH3 with FTR-IW isoweld® Plate	12-inch o.c. in rows 60-inch o.c.	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded to FTR-IW isoweld® Plates with *isoweld* Induction Bonding Tool and *isoweld* Magnets.	-45.0

TABLE 3C: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER SYSTEM TYPE C-2: MECHANICALLY ATTACHED INSULATION, PLATE-BONDED ROOF COVER						
System No.	Deck (Note 1)	Insulation Layer (Note 13)	Attach		Roof Cover (Note 15B)	MDP (psf)
			Fasteners (Note 11)	Density		
C-101.	Min. 2,500 psi structural concrete	One or more layers, any combination, min. 1.5-inch	FiberTite #14, Dekfast DF-#14-PH3, FiberTite Magnum or Dekfast DF-#15-PH3 with FTR-IW isoweld® Plate	1 per 6 ft^2 2 x 3 ft grid, staggered	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded to FTR-IW isoweld® Plates with *isoweld* Induction Bonding Tool and *isoweld* Magnets.	-52.5
C-102.	Min. 2,500 psi structural concrete	One or more layers, any combination, min. 1.5-inch thick x min. 4 x 8 ft	FiberTite #14, Dekfast DF-#14-PH3, FiberTite Magnum or Dekfast DF-#15-PH3 with FTR-IW isoweld® Plate	1.5 x 2 ft grid pattern with first row of fasteners spaced 0.5 ft from the long edge and 1 ft from the short edge	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded to FTR-IW isoweld® Plates with *isoweld* Induction Bonding Tool and *isoweld* Magnets.	-67.5
C-103.	Min. 2,500 psi structural concrete	One or more layers, any combination, min. 1.5-inch	FiberTite Magnum or Dekfast DF-#15-PH3 with FTR-IW isoweld® Plate	1 per 3.2 ft^2 (Ten parts per 4x8 ft board) Per FM Data Sheet 1-29	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded to FTR-IW isoweld® Plates with *isoweld* Induction Bonding Tool and *isoweld* Magnets.	-75.0
C-104.	Min. 2,500 psi structural concrete	One or more layers, any combination, min. 1.5-inch thick x min. 4 x 8 ft	FiberTite Magnum or Dekfast DF-#15-PH3 with FTR-IW isoweld® Plate	1.5 x 1.5 ft grid pattern with first row of fasteners spaced 0.5 ft from the long edge and 1 ft from the short edge	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded to FTR-IW isoweld® Plates with *isoweld* Induction Bonding Tool and *isoweld* Magnets.	-82.5
C-105.	Min. 2,500 psi structural concrete	One or more layers, any combination, min. 1.5-inch	FiberTite #14, Dekfast DF-#14-PH3, FiberTite Magnum or Dekfast DF-#15-PH3 with FTR-IW isoweld® Plate	1 per 3 ft^2 1.5 x 2 ft grid, staggered	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded to FTR-IW isoweld® Plates with *isoweld* Induction Bonding Tool and *isoweld* Magnets.	-82.5
C-106.	Min. 2,500 psi structural concrete	One or more layers, any combination, min. 1.5-inch	FiberTite #14, Dekfast DF-#14-PH3, FiberTite Magnum or Dekfast DF-#15-PH3 with FTR-IW isoweld® Plate	6-inch o.c. in rows 60-inch o.c.	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded to FTR-IW isoweld® Plates with *isoweld* Induction Bonding Tool and *isoweld* Magnets.	-90.0
RHINOBOND FASTENING SYSTEM:						
C-107.	Min. 3,000 psi structural concrete	One or more layers, any combination, min. 1.5-inch (min. 2-inch for TreadSafe)	OMG Heavy Duty with FTR-IW RhinoBond Plate, FTR-IW RhinoBond Treadsafe Plate, RHINOBOND Insulation Plates (PVC) or RHINOBOND TreadSafe Plate (PVC)	Fasteners spaced max. 24-inch o.c. in staggered rows spaced max. 36-inch o.c.	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded to FTR-IW RhinoBond Plates, FTR-IW RhinoBond Treadsafe Plate, RHINOBOND Insulation Plates (PVC) or RHINOBOND TreadSafe Plates (PVC) with RhinoBond Portable Plate Bonding Tool	-45.0*
C-108.	Min. 3,000 psi structural concrete	One or more layers, any combination, min. 1.5-inch (min. 2-inch for TreadSafe)	OMG Heavy Duty with FTR-IW RhinoBond Plate, FTR-IW RhinoBond Treadsafe Plate, RHINOBOND Insulation Plates (PVC) or RHINOBOND TreadSafe Plate (PVC)	Fasteners spaced max. 12-inch o.c. in rows spaced max. 60-inch o.c.	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded to FTR-IW RhinoBond Plates, FTR-IW RhinoBond Treadsafe Plate, RHINOBOND Insulation Plates (PVC) or RHINOBOND TreadSafe Plates (PVC) with RhinoBond Portable Plate Bonding Tool	-52.5
C-109.	Min. 3,000 psi structural concrete	One or more layers, any combination, min. 1.5-inch (min. 2-inch for TreadSafe)	OMG Heavy Duty with FTR-IW RhinoBond Plate, FTR-IW RhinoBond Treadsafe Plate, RHINOBOND Insulation Plates (PVC) or RHINOBOND TreadSafe Plate (PVC)	Fasteners spaced max. 24-inch o.c. in staggered rows spaced max. 24-inch o.c.	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded to FTR-IW RhinoBond Plates, FTR-IW RhinoBond Treadsafe Plate, RHINOBOND Insulation Plates (PVC) or RHINOBOND TreadSafe Plates (PVC) with RhinoBond Portable Plate Bonding Tool	-67.5

TABLE 3C: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER SYSTEM TYPE C-2: MECHANICALLY ATTACHED INSULATION, PLATE-BONDED ROOF COVER						
System No.	Deck (Note 1)	Insulation Layer (Note 13)	Attach		Roof Cover (Note 15B)	MDP (psf)
			Fasteners (Note 11)	Density		
C-110.	Min. 3,000 psi structural concrete	One or more layers, any combination, min. 1.5-inch (min. 2-inch for TreadSafe)	OMG Heavy Duty with FTR-IW RhinoBond Plate, FTR-IW RhinoBond Treadsafe Plate, RHINOBOND Insulation Plates (PVC) or RHINOBOND TreadSafe Plate (PVC)	Fasteners spaced max. 6-inch o.c. in rows spaced max. 60-inch o.c.	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded to FTR-IW RhinoBond Plates, FTR-IW RhinoBond Treadsafe Plate, RHINOBOND Insulation Plates (PVC) or RHINOBOND TreadSafe Plates (PVC) with RhinoBond Portable Plate Bonding Tool	-90.0

TABLE 3D: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER SYSTEM TYPE D-1: INSULATED, MECHANICALLY ATTACHED ROOF COVER							
System No.	Deck (Note 1)	Insulation (Note 13)		Roof Cover (Note 15A)			MDP (psf)
		Type	Attach (Note 5)	Membrane	Fasteners (Note 11)	Attachment	
OPEN STYLE:							
C-111.	Min. 2,500 psi structural concrete	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	TRUFAST Fluted Concrete Nail with FTR Magnum-R275 or Trufast 2-3/4" Barbed Metal Seam Plate (EHD)	Open: 18 x 95-inch	-30.0
C-112.	Min. 2,500 psi structural concrete	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener or OMG #14 with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Open: 18 x 104.5-inch	-37.5
C-113.	Min. 2,500 psi structural concrete	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	TRUFAST Fluted Concrete Nail with FTR Magnum-R275 or Trufast 2-3/4" Barbed Metal Seam Plate (EHD)	Open: 12 x 95-inch	-45.0
C-114.	Min. 2,500 psi structural concrete	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener or OMG CD-10 with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Open: 18 x 51-inch	-45.0
C-115.	Min. 2,500 psi structural concrete	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener or OMG CD-10 with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Open: 12 x 72-inch	-45.0
C-116.	Min. 2,500 psi structural concrete	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener or OMG CD-10 with FTR Magnum2S Plates	Open: 6 x 95-inch	-45.0
C-117.	Min. 2,500 psi structural concrete	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener or OMG CD-10 with FTR Magnum2S Plates	Open: 6 x 144-inch	-45.0
C-118.	Min. 2,500 psi structural concrete	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener or OMG CD-10 with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Open: 6 x 96-inch	-52.5
C-119.	Min. 2,500 psi structural concrete	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	TRUFAST Fluted Concrete Nail with FTR Magnum-R275 or Trufast 2-3/4" Barbed Metal Seam Plate (EHD)	Open: 6 x 95-inch	-67.5
C-120.	Min. 2,500 psi structural concrete	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener or OMG CD-10 with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Open: 12 x 51-inch	-67.5
C-121.	Min. 2,500 psi structural concrete	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener or OMG CD-10 with FTR Magnum2S Plates	Open: 6 x 72-inch	-67.5
C-122.	Min. 2,500 psi structural concrete	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener or OMG CD-10 with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Open: 12 x 24-inch	-82.5
C-123.	Min. 2,500 psi structural concrete	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener or OMG #14 with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Open: 6 x 51-inch	-112.5
CLOSED STYLE:							

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

System No.	Deck (Note 1)	Insulation (Note 13)		Roof Cover (Note 15A)			MDP (psf)
		Type	Attach (Note 5)	Membrane	Fasteners (Note 11)	Attachment	
C-124.	Min. 2,500 psi structural concrete	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener or OMG CD-10 with FTR Magnum2S Plates	Closed: 6 x 95-inch	-45.0
C-125.	Min. 2,500 psi structural concrete	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener or OMG CD-10 with FTR Magnum2S Plates	Closed: 6 x 144-inch	-52.5
C-126.	Min. 2,500 psi structural concrete	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener or OMG CD-10 with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Closed: 6 x 94-inch	-82.5
C-127.	Min. 2,500 psi structural concrete	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener or OMG CD-10 with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Closed: 6 x 104.5-inch	-90.0
C-128.	Min. 2,500 psi structural concrete	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener or OMG CD-10 with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Closed: 6 x 47-inch	-112.5

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

System No.	Deck (Note 1)	Roof Cover (Note 15)			MDP (psf)
		Base Ply	Ply	Cap Ply	
C-129.	Min. 2,500 psi structural concrete	None	None	SP-FB2	-237.5
C-130.	Min. 2,500 psi structural concrete primed; ASTM D41	Soprema “Elastophene SP 2.2” or “Elastophene SP 3.0”, torch-applied	None	SP-FB2	-320.0
C-131.	Min. 2,500 psi structural concrete sealed; PVA	None	N/A	SP-FB1	-377.0
C-132.	Min. 2,500 psi structural concrete	None	N/A	SP-FB3	-442.5
C-133.	Min. 2,500 psi structural concrete	None	N/A	SP-FB3 (FiberTite-XT FB only)	-495.0
C-134.	Min. 2,500 psi structural concrete	None	N/A	SP-FB5	-495.0
C-135.	Min. 2,500 psi structural concrete primed; ASTM D41	None	N/A	SP-FB4	-572.5

TABLE 3F: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE G: OPTIONAL INSULATION, LOOSE-LAID ROOF COVER, PRESSURE EQUALIZING VENT

System No.	Deck (Note 1)	Air Barrier	Insulation	Underlayment	Roof Cover		MDP (psf)
					Type	Attach	
C-136.	Min. 2,500 psi structural concrete	One or two plies, ASTM D4601 base sheet, applied in full mopping of hot asphalt	(Optional) Any fire classified roof insulation and/or coverboard combination, any thickness, loose-laid with staggered joints	12-inch wide strips of polypropylene, air permeable filter fabric, loose laid in a crossing pattern, connecting the V2T vents	FiberTite, XT, SM, Xtreme, FB, XT-FB, SM-FB or Xtreme FB	Acrylife V2T installed in accordance with Acrylife instructions, spaced maximum 50 ft o.c.	-97.5

TABLE 4A: LIGHTWEIGHT CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF) SYSTEM TYPE F: NON-INSULATED, BONDED ROOF COVER							
System No.	Deck (Note 1)	Temp Roof / Vapor Barrier	Lightweight Concrete (Note 14)			Roof Cover (Note 15)	MDP (psf)
			Deck Treatment	LWC	Surface Treatment		
CELCORE (FL2037):							
LWC-1	Min. 22 ga., type B, Grade 33 vented steel; 6 ft spans	None	None	Min. 200 psi, min. 2-inch thick Celcore Cellular Concrete	Celcore PVA Curing Compound	SP-FB1, SP-FB2 or SP-FB3	-45.0
LWC-2	Min. 22 ga., type B, Grade 33 vented steel; 5 ft spans	None	None	Min. 300 psi, min. 2-inch thick Celcore Cellular Concrete	Celcore PVA Curing Compound	SP-FB1, SP-FB2 or SP-FB3	-67.5
LWC-3	Min. 22 ga., type B, Grade 40 steel; 6 ft spans	None	Celcore S-1 Deck Preparation Slurry	Min. 390 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	SP-FB1, SP-FB2, SP-FB3 or SP-FB5	-127.5
LWC-4	Min. 2,500 psi structural concrete	(Optional) SBA-AA or SBS-TA	None	Min. 390 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	SP-FB1, SP-FB2, SP-FB3 or SP-FB5	-172.5
LWC-5	Min. 2,500 psi structural concrete	None	None	Min. 300 psi, min. 2-inch thick Celcore Cellular Concrete	Celcore PVA Curing Compound	SP-FB2 or SP-FB3	-272.5
LWC-6	Min. 2,500 psi structural concrete	None	None	Min. 300 psi, min. 2-inch thick Celcore Cellular Concrete	Celcore PVA Curing Compound	SP-FB1	-302.5
CONCRECEL (FL5584 & FL10500):							
LWC-7	Min. 2,500 psi structural concrete	None	None	Min. 300 psi, min. 2.25-inch thick Concrecel cellular LWIC	Concrecel Curing Compound	SP-FB1 or SP-FB3	-405.0
ELASTIZELL (FL4994):							
LWC-8	Min. 22 ga., type B, Grade 33 steel; 6 ft spans	None	None	Min. 190 psi, Min. 2-inch thick, Range II Elastizell Lightweight Concrete with Zell-Crete Fibers	None	SP-FB1, SP-FB2, SP-FB3 or SP-FB5	-45.0
LWC-9	Min. 22 ga., type B, Grade 33 vented steel; 5 ft spans	None	None	Min. 300 psi, min. 2-inch thick Elastizell Lightweight Concrete	polyvinyl alcohol (PVA)	SP-FB1, SP-FB2 or SP-FB3	-67.5
LWC-10	Min. 22 ga., type B, Grade 40 steel; 6 ft spans	None	None	Min. 390 psi, Min. 2-inch thick, Range II Elastizell Lightweight Concrete	polyvinyl alcohol (PVA)	SP-FB3	-82.5
LWC-11	Min. 2,500 psi structural concrete	None	None	Min. 300 psi, min. 2-inch thick Elastizell Lightweight Concrete	polyvinyl alcohol (PVA)	SP-FB2	-272.5
LWC-12	Min. 2,500 psi structural concrete	None	None	Min. 300 psi, min. 2-inch thick Elastizell Lightweight Concrete	polyvinyl alcohol (PVA)	SP-FB1 or SP-FB3	-302.5
MEARLCRETE (FL13492):							
LWC-13	Min. 22 ga., type B, Grade 33 vented steel; 5 ft spans	None	None	Min. 300 psi, min. 2-inch thick Mearlcrete	polyvinyl alcohol (PVA)	SP-FB1, SP-FB2 or SP-FB3	-67.5
LWC-14	Min. 22 ga., type B, Grade 40 steel; 6 ft spans	None	None	Min. 390 psi, Min. 2-inch thick, Mearlcrete	polyvinyl alcohol (PVA)	SP-FB1, SP-FB2, SP-FB3 or SP-FB5	-90.0
LWC-15	Min. 2,500 psi structural concrete	None	None	Min. 300 psi, min. 2-inch thick Mearlcrete	polyvinyl alcohol (PVA)	SP-FB2 or SP-FB3	-272.5
LWC-16	Min. 2,500 psi structural concrete	None	None	Min. 300 psi, min. 2-inch thick Mearlcrete	polyvinyl alcohol (PVA)	SP-FB1	-302.5

TABLE 5A: CEMENTITIOUS WOOD FIBER DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF) SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER							
System No.	Deck (Note 1)	Base Insulation Layer		Top Insulation Layer		Roof Cover (Note 15)	MDP (psf)
		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)		
FIBERTITE, FIBERTITE-XT, FIBERTITE-SM OR FIBERTITE-XTREME APPLICATIONS:							
CWF-1.	Min. 2-inch Tectum I Plank	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	FTR-601, OSFA or Polyset BOARD MAX, 4-inch o.c.	(Optional) Additional layer(s) of base insulation and/or min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR-601, OSFA or Polyset BOARD MAX, 4-inch o.c.	SP-BB1 or SP-BB2	-222.5
CWF-2.	Min. 2-inch Tectum I Plank	Min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR-601, OSFA or Polyset BOARD MAX, 4-inch o.c.	None	N/A	SP-BB1 or SP-BB2	-303.5
FIBERTITE OR FIBERTITE-XT APPLIED IN ALPHA-TITE BONDING ADHESIVE:							
CWF-3.	Min. 2-inch Tectum I Plank	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	FTR-601, OSFA or Polyset BOARD MAX, 4-inch o.c.	(Optional) Additional layer(s) of base insulation and/or min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR-601, OSFA or Polyset BOARD MAX, 4-inch o.c.	SP-BB3	-222.5
CWF-4.	Min. 2-inch Tectum I Plank	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR-601, OSFA or Polyset BOARD MAX, 4-inch o.c.	None	N/A	SP-BB3	-303.5
FIBERTITE-SM OR FIBERTITE-XTREME APPLIED IN ALPHA-TITE BONDING ADHESIVE:							
CWF-5.	Min. 2-inch Tectum I Plank	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	FTR-601, OSFA or Polyset BOARD MAX, 4-inch o.c.	(Optional) Additional layer(s) of base insulation and/or min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR-601, OSFA or Polyset BOARD MAX, 4-inch o.c.	SP-BB4	-222.5
CWF-6.	Min. 2-inch Tectum I Plank	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR-601, OSFA or Polyset BOARD MAX, 4-inch o.c.	None	N/A	SP-BB4	-303.5
FIBERTITE-FB APPLICATIONS:							
CWF-7.	Min. 2-inch Tectum I Plank	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	FTR-601, OSFA or Polyset BOARD MAX, 4-inch o.c.	(Optional) Additional layer(s) of base insulation and/or min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR-601, OSFA or Polyset BOARD MAX, 4-inch o.c.	SP-FB1, SP-FB2, SP-FB3 or SP-FB5	-222.5
CWF-8.	Min. 2-inch Tectum I Plank	Min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR-601, OSFA or Polyset BOARD MAX, 4-inch o.c.	None	N/A	SP-FB1, SP-FB2, SP-FB3 or SP-FB5	-303.5

TABLE 5B: CEMENTITIOUS WOOD FIBER DECKS - REROOF (TEAR-OFF) OR RECOVER SYSTEM TYPE D-1: INSULATED, MECHANICALLY ATTACHED ROOF COVER							
System No.	Deck (Note 1)	Insulation (Note 13)		Roof Cover (Note 15A)			MDP (psf)
		Type	Attach (Note 5)	Membrane	Fasteners (Note 11)	Attachment	
CWF-9.	Existing Tectum Plank or Tectum LS Plank	One or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	OMG Polymer GypTec with 2 in. Polymer GypTec Metal Barbed Plates	Open or Closed: 9 x 51	-30.0
CWF-10.	Existing Tectum Plank or Tectum LS Plank	One or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	OMG Polymer GypTec with 2 in. Polymer GypTec Metal Barbed Plates	Open or Closed: 6 x 51	-45.0

TABLE 6A: GYPSUM DECK - REROOF (TEAR-OFF) SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER							
System No.	Deck (Note 1 & 12)	Base Insulation Layer		Top Insulation Layer		Roof Cover (Note 15)	MDP (psf)
		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)		
FIBERTITE, FIBERTITE-XT, FIBERTITE-SM OR FIBERTITE-XTREME APPLIED IN FTR-190E:							
G-1.	Existing poured gypsum or gypsum plank	Min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR-601 or OSFA	None	N/A	SP-BB1 or SP-BB2	-162.5
G-2.	Existing poured gypsum or gypsum plank	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	FTR-601 or OSFA	(Optional) Additional layer(s) of base insulation or Min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR-601 or OSFA	SP-BB1 or SP-BB2	-200.0
G-3.	Existing poured gypsum or gypsum plank	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	OB-500	(Optional) Additional layer(s) of base insulation or Min. 0.25-inch DensDeck or SECUROCK Gypsum-Fiber Roof Board	OB-500	SP-BB1 or SP-BB2	-112.5
FIBERTITE OR FIBERTITE-XT APPLIED IN ALPHA-TITE BONDING ADHESIVE:							
G-4.	Existing poured gypsum or gypsum plank	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR-601 or OSFA	None	N/A	SP-BB3	-162.5
G-5.	Existing poured gypsum or gypsum plank	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	FTR-601 or OSFA	(Optional) Additional layer(s) of base insulation or Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR-601 or OSFA	SP-BB3	-200.0
G-6.	Existing poured gypsum or gypsum plank	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	OB-500	(Optional) Additional layer(s) of base insulation or Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	OB-500	SP-BB3	-112.5
FIBERTITE-SM OR FIBERTITE-XTREME APPLIED IN ALPHA-TITE BONDING ADHESIVE:							
G-7.	Existing poured gypsum or gypsum plank	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR-601 or OSFA	None	N/A	SP-BB4	-162.5
G-8.	Existing poured gypsum or gypsum plank	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	FTR-601 or OSFA	(Optional) Additional layer(s) of base insulation or Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR-601 or OSFA	SP-BB4	-200.0
G-9.	Existing poured gypsum or gypsum plank	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	OB-500	(Optional) Additional layer(s) of base insulation or Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	OB-500	SP-BB4	-112.5
FIBERTITE-FB APPLIED IN FTR-290:							
G-10.	Existing poured gypsum or gypsum plank	Min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR-601 or OSFA	None	N/A	SP-FB1	-162.5
G-11.	Existing poured gypsum or gypsum plank	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	FTR-601 or OSFA	(Optional) Additional layer(s) of base insulation or Min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR-601 or OSFA	SP-FB1	-200.0
G-12.	Existing poured gypsum or gypsum plank	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	OB-500	(Optional) Additional layer(s) of base insulation or Min. 0.25-inch DensDeck or SECUROCK Gypsum-Fiber Roof Board	OB-500	SP-FB1	-112.5
FIBERTITE-FB APPLIED IN FTR-390 OR FTR-490:							
G-13.	Existing poured gypsum or gypsum plank	Min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR-601 or OSFA	None	N/A	SP-FB2 or SP-FB3	-162.5
G-14.	Existing poured gypsum or gypsum plank	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	FTR-601 or OSFA	(Optional) Additional layer(s) of base insulation or Min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR-601 or OSFA	SP-FB2 or SP-FB3	-200.0
G-15.	Existing poured gypsum or gypsum plank	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	OB-500	(Optional) Additional layer(s) of base insulation or Min. 0.25-inch DensDeck	OB-500	SP-FB2 or SP-FB3	-112.5

TABLE 6A: GYPSUM DECK - REROOF (TEAR-OFF) SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER							
System No.	Deck (Note 1 & 12)	Base Insulation Layer		Top Insulation Layer		Roof Cover (Note 15)	MDP (psf)
		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)		
FIBERTITE-FB APPLIED IN HOT ASPHALT:							
G-16.	Existing poured gypsum or gypsum plank	Min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR-601 or OSFA	None	N/A	SP-FB4	-162.5
G-17.	Existing poured gypsum or gypsum plank	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	FTR-601 or OSFA	Min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR-601 or OSFA	SP-FB4	-200.0
G-18.	Existing poured gypsum or gypsum plank	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	OB-500	Min. 0.25-inch DensDeck or SECUROCK Gypsum-Fiber Roof Board	OB-500	SP-FB4	-112.5

TABLE 6B: GYPSUM DECK - REROOF (TEAR-OFF) SYSTEM TYPE A-1: BONDED INSULATION, BONDED BASE PLY(S), BONDED ROOF COVER									
System No.	Deck (Note 1 & 12)	Base Insulation Layer		Top Insulation Layer		Roof Cover (Note 15)			MDP (psf)
		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
FIBERTITE-FB APPLIED IN FTR-390:									
G-19.	Existing poured gypsum or gypsum plank	Min. 1.5-inch ACFoam II, FTR-VALUE A, H-Shield or FTR-VALUE H	FTR-601 or OSFA	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR-601 or OSFA	SBS-CA1	None	SP-FB2	-67.5
G-20.	Existing poured gypsum or gypsum plank	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	FTR-601 or OSFA	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR-601 or OSFA	SBS-AA	(Optional) SBS-AA	SP-FB2	-202.5
G-21.	Existing poured gypsum or gypsum plank	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	FTR-601 or OSFA	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR-601 or OSFA	SBS-TA	(Optional) SBS-TA	SP-FB2	-202.5
FIBERTITE-FB APPLIED IN HOT ASPHALT:									
G-22.	Existing poured gypsum or gypsum plank	Min. 1.5-inch ACFoam II, FTR-VALUE A, H-Shield or FTR-VALUE H	FTR-601 or OSFA	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR-601 or OSFA	SBS-CA1	None	SP-FB4	-67.5
G-23.	Existing poured gypsum or gypsum plank	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	FTR-601 or OSFA	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR-601 or OSFA	SBS-AA	(Optional) SBS-AA	SP-FB4	-202.5
G-24.	Existing poured gypsum or gypsum plank	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	FTR-601 or OSFA	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR-601 or OSFA	SBS-TA	(Optional) SBS-TA	SP-FB4	-202.5

TABLE 6C: GYPSUM DECK - REROOF (TEAR-OFF) SYSTEM TYPE D-1: INSULATED, MECHANICALLY ATTACHED ROOF COVER							
System No.	Deck (Note 1)	Insulation (Note 13)		Roof Cover (Note 15A)			MDP (psf)
		Type	Attach (Note 5)	Membrane	Fasteners (Note 11)	Attachment	
G-25.	Existing poured gypsum or gypsum plank	One or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	OMG Polymer GypTec with 2 in. Polymer GypTec Metal Barbed Plates	Open or Closed: 9 x 51	-30.0
G-26.	Existing poured gypsum or gypsum plank	One or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	OMG Polymer GypTec with 2 in. Polymer GypTec Metal Barbed Plates	Open or Closed: 6 x 51	-45.0

TABLE 7A: RECOVER APPLICATIONS SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER							
System No.	Substrate (Note 1 & 12)	Base Insulation Layer		Top Insulation Layer		Roof Cover (Note 15)	MDP (psf)
		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)		
FIBERTITE, FIBERTITE-XT, FIBERTITE-SM OR FIBERTITE-XTREME APPLIED IN FTR-190E:							
R-1.	Existing asphaltic BUR	Min. 0.5-inch ACFoam II, FTR-VALUE A, H-Shield or FTR-VALUE H	hot asphalt	None	N/A	SP-BB1 or SP-BB2	-45.0
R-2.	Existing asphaltic BUR	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	hot asphalt	(Optional) Additional layer(s) of base insulation or min. 0.25-inch DensDeck	hot asphalt	SP-BB1 or SP-BB2	-240.0
R-3.	Existing asphaltic BUR	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	hot asphalt	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	hot asphalt	SP-BB1 or SP-BB2	-247.5
R-4.	Existing asphaltic BUR	(Optional) Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	hot asphalt	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 0.4375-inch DEXcell Cement Roof Board	hot asphalt	SP-BB1 or SP-BB2	-375.0
R-5.	Existing asphaltic BUR	Min. 0.25-inch DensDeck or DensDeck Prime	FTR-601 or OSFA	None	N/A	SP-BB1 or SP-BB2	-82.5
R-6.	Existing asphaltic BUR	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	FTR-601 or OSFA	(Optional) Additional layer(s) of base insulation or min. 0.25-inch DensDeck	FTR-601 or OSFA	SP-BB1 or SP-BB2	-157.5
R-7.	Existing asphaltic BUR	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	FTR-601 or OSFA	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	FTR-601 or OSFA	SP-BB1 or SP-BB2	-157.5
R-8.	Existing asphaltic BUR	(Optional) Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	FTR-601 or OSFA	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 0.4375-inch DEXcell Cement Roof Board	FTR-601 or OSFA	SP-BB1 or SP-BB2	-135.0
R-9.	Existing asphaltic BUR	Min. 0.25-inch DensDeck or DensDeck Prime	OB-500	None	N/A	SP-BB1 or SP-BB2	-120.0
R-10.	Existing asphaltic BUR	Min. 0.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	OB-500	(Optional) Additional layer(s) of base insulation or min. 0.25-inch DensDeck	OB-500	SP-BB1 or SP-BB2	-120.0
R-11.	Existing asphaltic BUR	Min. 0.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	OB-500	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	OB-500	SP-BB1 or SP-BB2	-120.0
R-12.	Existing asphaltic BUR	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	Polyset Board-Max	(Optional) Additional layer(s) of base insulation or min. 0.25-inch DensDeck or SECUROCK Gypsum-Fiber Roof Board	Polyset Board-Max	SP-BB1 or SP-BB2	-195.0
FIBERTITE OR FIBERTITE-XT APPLIED IN ALPHA-TITE BONDING ADHESIVE:							

TABLE 7A: RECOVER APPLICATIONS SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER							
System No.	Substrate (Note 1 & 12)	Base Insulation Layer		Top Insulation Layer		Roof Cover (Note 15)	MDP (psf)
		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)		
R-13.	Existing asphaltic BUR	Min. 0.5-inch ACFoam II, FTR-VALUE A, H-Shield or FTR-VALUE H	hot asphalt	None	N/A	SP-BB3	-45.0
R-14.	Existing asphaltic BUR	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	hot asphalt	(Optional) Additional layer(s) of base insulation	hot asphalt	SP-BB3	-240.0
R-15.	Existing asphaltic BUR	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	hot asphalt	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	hot asphalt	SP-BB3	-247.5
R-16.	Existing asphaltic BUR	(Optional) Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	hot asphalt	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	hot asphalt	SP-BB3	-375.0
R-17.	Existing asphaltic BUR	Min. 0.25-inch DensDeck Prime	FTR-601 or OSFA	None	N/A	SP-BB3	-82.5
R-18.	Existing asphaltic BUR	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	FTR-601 or OSFA	(Optional) Additional layer(s) of base insulation	FTR-601 or OSFA	SP-BB3	-157.5
R-19.	Existing asphaltic BUR	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	FTR-601 or OSFA	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	FTR-601 or OSFA	SP-BB3	-157.5
R-20.	Existing asphaltic BUR	(Optional) Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	FTR-601 or OSFA	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	FTR-601 or OSFA	SP-BB3	-135.0
R-21.	Existing asphaltic BUR	Min. 0.25-inch DensDeck Prime	OB-500	None	N/A	SP-BB3	-120.0
R-22.	Existing asphaltic BUR	Min. 0.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	OB-500	(Optional) Additional layer(s) of base insulation	OB-500	SP-BB3	-120.0
R-23.	Existing asphaltic BUR	Min. 0.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	OB-500	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	OB-500	SP-BB3	-120.0
R-24.	Existing asphaltic BUR	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	Polyset Board-Max	(Optional) Additional layer(s) of base insulation or min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	Polyset Board-Max	SP-BB3	-195.0
FIBERTITE-SM OR FIBERTITE-XTREME APPLIED IN ALPHA-TITE BONDING ADHESIVE:							
R-25.	Existing asphaltic BUR	Min. 0.5-inch ACFoam II, FTR-VALUE A, H-Shield or FTR-VALUE H	hot asphalt	None	N/A	SP-BB4	-45.0
R-26.	Existing asphaltic BUR	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	hot asphalt	(Optional) Additional layer(s) of base insulation	hot asphalt	SP-BB4	-240.0
R-27.	Existing asphaltic BUR	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	hot asphalt	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	hot asphalt	SP-BB4	-247.5
R-28.	Existing asphaltic BUR	(Optional) Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	hot asphalt	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	hot asphalt	SP-BB4	-375.0
R-29.	Existing asphaltic BUR	Min. 0.25-inch DensDeck Prime	FTR-601 or OSFA	None	N/A	SP-BB4	-82.5

TABLE 7A: RECOVER APPLICATIONS SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER							
System No.	Substrate (Note 1 & 12)	Base Insulation Layer		Top Insulation Layer		Roof Cover (Note 15)	MDP (psf)
		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)		
R-30.	Existing asphaltic BUR	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	FTR-601 or OSFA	(Optional) Additional layer(s) of base insulation	FTR-601 or OSFA	SP-BB4	-157.5
R-31.	Existing asphaltic BUR	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	FTR-601 or OSFA	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	FTR-601 or OSFA	SP-BB4	-157.5
R-32.	Existing asphaltic BUR	(Optional) Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	FTR-601 or OSFA	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	FTR-601 or OSFA	SP-BB4	-135.0
R-33.	Existing asphaltic BUR	Min. 0.25-inch DensDeck Prime	OB-500	None	N/A	SP-BB4	-120.0
R-34.	Existing asphaltic BUR	Min. 0.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	OB-500	(Optional) Additional layer(s) of base insulation	OB-500	SP-BB4	-120.0
R-35.	Existing asphaltic BUR	Min. 0.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	OB-500	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	OB-500	SP-BB4	-120.0
R-36.	Existing asphaltic BUR	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	Polyset Board-Max	(Optional) Additional layer(s) of base insulation or min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	Polyset Board-Max	SP-BB4	-195.0
FIBERTITE-FB APPLIED IN FTR-290:							
R-37.	Existing asphaltic BUR	Min. 0.5-inch ACFoam II, FTR-VALUE A, H-Shield or FTR-VALUE H	hot asphalt	None	N/A	SP-FB1	-45.0
R-38.	Existing asphaltic BUR	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	hot asphalt	(Optional) Additional layer(s) of base insulation or min. 0.25-inch DensDeck	hot asphalt	SP-FB1	-240.0
R-39.	Existing asphaltic BUR	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	hot asphalt	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	hot asphalt	SP-FB1	-247.5
R-40.	Existing asphaltic BUR	(Optional) Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	hot asphalt	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 0.4375-inch DEXcell Cement Roof Board	hot asphalt	SP-FB1	-375.0
R-41.	Existing asphaltic BUR	Min. 0.25-inch DensDeck or DensDeck Prime	FTR-601 or OSFA	None	N/A	SP-FB1	-82.5
R-42.	Existing asphaltic BUR	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	FTR-601 or OSFA	(Optional) Additional layer(s) of base insulation or min. 0.25-inch DensDeck	FTR-601 or OSFA	SP-FB1	-157.5
R-43.	Existing asphaltic BUR	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	FTR-601 or OSFA	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	FTR-601 or OSFA	SP-FB1	-157.5
R-44.	Existing asphaltic BUR	(Optional) Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	FTR-601 or OSFA	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 0.4375-inch DEXcell Cement Roof Board	FTR-601 or OSFA	SP-FB1	-135.0
R-45.	Existing asphaltic BUR	Min. 0.5-inch ACFoam II, FTR-VALUE A, H-Shield or FTR-VALUE H	OB-500	None	N/A	SP-FB1	-82.5
R-46.	Existing asphaltic BUR	Min. 0.25-inch DensDeck or DensDeck Prime	OB-500	None	N/A	SP-FB1	-120.0
R-47.	Existing asphaltic BUR	Min. 0.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	OB-500	(Optional) Additional layer(s) of base insulation or min. 0.25-inch DensDeck	OB-500	SP-FB1	-120.0

TABLE 7A: RECOVER APPLICATIONS SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER							
System No.	Substrate (Note 1 & 12)	Base Insulation Layer		Top Insulation Layer		Roof Cover (Note 15)	MDP (psf)
		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)		
R-48.	Existing asphaltic BUR	Min. 0.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	OB-500	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	OB-500	SP-FB1	-120.0
R-49.	Existing asphaltic BUR	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	Polyset Board-Max	(Optional) Additional layer(s) of base insulation or min. 0.25-inch DensDeck or SECUROCK Gypsum-Fiber Roof Board	Polyset Board-Max	SP-FB1	-195.0
FIBERTITE-FB APPLIED IN FTR-390 OR FTR-490:							
R-50.	Existing asphaltic BUR	Min. 0.5-inch ACFoam II, FTR-VALUE A, H-Shield or FTR-VALUE H	hot asphalt	None	N/A	SP-FB2 or SP-FB3	-45.0
R-51.	Existing asphaltic BUR	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	hot asphalt	(Optional) Additional layer(s) of base insulation or min. 0.25-inch DensDeck	hot asphalt	SP-FB2 or SP-FB3	-240.0
R-52.	Existing asphaltic BUR	(Optional) Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	hot asphalt	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 0.4375-inch DEXcell Cement Roof Board	hot asphalt	SP-FB2 or SP-FB3	-375.0
R-53.	Existing asphaltic BUR	Min. 0.25-inch DensDeck or DensDeck Prime	FTR-601 or OSFA	None	N/A	SP-FB2 or SP-FB3	-82.5
R-54.	Existing asphaltic BUR	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	FTR-601 or OSFA	(Optional) Additional layer(s) of base insulation or min. 0.25-inch DensDeck	FTR-601 or OSFA	SP-FB2 or SP-FB3	-157.5
R-55.	Existing asphaltic BUR	(Optional) Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	FTR-601 or OSFA	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 0.4375-inch DEXcell Cement Roof Board	FTR-601 or OSFA	SP-FB2 or SP-FB3	-135.0
R-56.	Existing asphaltic BUR	Min. 0.5-inch ACFoam II, FTR-VALUE A, H-Shield or FTR-VALUE H	OB-500	None	N/A	SP-FB2 or SP-FB3	-82.5
R-57.	Existing asphaltic BUR	Min. 0.25-inch DensDeck or DensDeck Prime	OB-500	None	N/A	SP-FB2 or SP-FB3	-120.0
R-58.	Existing asphaltic BUR	Min. 0.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	OB-500	(Optional) Additional layer(s) of base insulation or min. 0.25-inch DensDeck	OB-500	SP-FB2 or SP-FB3	-120.0
R-59.	Existing asphaltic BUR	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	Polyset Board-Max	(Optional) Additional layer(s) of base insulation or min. 0.25-inch DensDeck	Polyset Board-Max	SP-FB2 or SP-FB3	-195.0
FIBERTITE-FB APPLIED IN HOT ASPHALT:							
R-60.	Existing asphaltic BUR or modified bitumen	Min. 0.25-inch DensDeck	hot asphalt	None	N/A	SP-FB4	-45.0
R-61.	Existing asphaltic BUR or modified bitumen	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	hot asphalt	None	N/A	SP-FB4	-45.0
R-62.	Existing asphaltic BUR	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	hot asphalt	Min. 0.25-inch DensDeck	hot asphalt	SP-FB4	-240.0
R-63.	Existing asphaltic BUR	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	hot asphalt	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	hot asphalt	SP-FB4	-247.5
R-64.	Existing asphaltic BUR	(Optional) Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	hot asphalt	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 0.4375-inch DEXcell Cement Roof Board	hot asphalt	SP-FB4	-375.0

TABLE 7A: RECOVER APPLICATIONS SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER							
System No.	Substrate (Note 1 & 12)	Base Insulation Layer		Top Insulation Layer		Roof Cover (Note 15)	MDP (psf)
		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)		
R-65.	Existing asphaltic BUR or modified bitumen	Min. 0.25-inch DensDeck	FTR-601 or OSFA	None	N/A	SP-FB4	-45.0
R-66.	Existing asphaltic BUR	Min. 0.25-inch DensDeck or DensDeck Prime	FTR-601 or OSFA	None	N/A	SP-FB4	-82.5
R-67.	Existing asphaltic BUR or modified bitumen	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	FTR-601 or OSFA	None	N/A	SP-FB4	-45.0
R-68.	Existing asphaltic BUR	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	FTR-601 or OSFA	Min. 0.25-inch DensDeck	FTR-601 or OSFA	SP-FB4	-157.5
R-69.	Existing asphaltic BUR	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	FTR-601 or OSFA	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	FTR-601 or OSFA	SP-FB4	-157.5
R-70.	Existing asphaltic BUR	(Optional) Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	FTR-601 or OSFA	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 0.4375-inch DEXcell Cement Roof Board	FTR-601 or OSFA	SP-FB4	-135.0
R-71.	Existing asphaltic BUR	Min. 0.25-inch DensDeck or DensDeck Prime	OB-500	None	N/A	SP-FB4	-120.0
R-72.	Existing asphaltic BUR	Min. 0.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	OB-500	Min. 0.25-inch DensDeck	OB-500	SP-FB4	-120.0
R-73.	Existing asphaltic BUR	Min. 0.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	OB-500	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	OB-500	SP-FB4	-120.0
R-74.	Existing asphaltic BUR	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	Polyset Board-Max	Min. 0.25-inch DensDeck or SECUROCK Gypsum-Fiber Roof Board	Polyset Board-Max	SP-FB4	-195.0
FIBERTITE-FB APPLIED IN POLYSET CR-20 (SPATTER):							
R-75.	Existing asphaltic BUR or modified bitumen	Min. 0.5-inch ACFoam II, FTR-VALUE A, H-Shield, FTR-VALUE H, H-Shield CG or FTR-VALUE H Glass Facer or min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	hot asphalt	None	N/A	SP-FB5	-45.0
R-76.	Existing asphaltic BUR	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	hot asphalt	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	hot asphalt	SP-FB5	-105.0
R-77.	Existing asphaltic BUR	(Optional) Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	hot asphalt	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 0.4375-inch DEXcell Cement Roof Board	hot asphalt	SP-FB5	-375.0
R-78.	Existing asphaltic BUR or modified bitumen	Min. 0.5-inch ACFoam II, FTR-VALUE A, H-Shield, FTR-VALUE H, H-Shield CG or FTR-VALUE H Glass Facer or min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR-601 or OSFA	None	N/A	SP-FB5	-45.0
R-79.	Existing asphaltic BUR	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	FTR-601 or OSFA	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	FTR-601 or OSFA	SP-FB5	-105.0

TABLE 7A: RECOVER APPLICATIONS SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER							
System No.	Substrate (Note 1 & 12)	Base Insulation Layer		Top Insulation Layer		Roof Cover (Note 15)	MDP (psf)
		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)		
R-80.	Existing asphaltic BUR	(Optional) Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	FTR-601 or OSFA	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 0.4375-inch DEXcell Cement Roof Board	FTR-601 or OSFA	SP-FB5	-135.0
R-81.	Existing asphaltic BUR or modified bitumen	Min. 0.5-inch ACFoam II, FTR-VALUE A, H-Shield, FTR-VALUE H, H-Shield CG or FTR-VALUE H Glass Facer	OB-500	None	N/A	SP-FB5	-45.0
R-82.	Existing asphaltic BUR	Min. 0.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	OB-500	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	OB-500	SP-FB5	-105.0
R-83.	Existing asphaltic BUR	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	Polyset Board-Max	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	Polyset Board-Max	SP-FB5	-105.0

TABLE 7B: RECOVER APPLICATIONS SYSTEM TYPE A-1: BONDED INSULATION, BONDED BASE PLY(S), BONDED ROOF COVER									
System No.	Substrate (Note 1 & 12)	Base Insulation Layer		Top Insulation Layer		Roof Cover (Note 15)			MDP (psf)
		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
FIBERTITE-FB APPLIED IN FTR-390:									
R-84.	Existing asphaltic BUR	Min. 0.25-inch DensDeck Prime	FTR-601 or OSFA	None	N/A	SBS-AA	(Optional) SBS-AA	SP-FB2	-82.5
R-85.	Existing asphaltic BUR	Min. 0.25-inch DensDeck Prime	FTR-601 or OSFA	None	N/A	SBS-TA	(Optional) SBS-TA	SP-FB2	-82.5
R-86.	Existing asphaltic BUR	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	FTR-601 or OSFA	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR-601 or OSFA	SBS-AA	(Optional) SBS-AA	SP-FB2	-157.5
R-87.	Existing asphaltic BUR	Min. 1.5-inch ACFoam II, FTR-VALUE A, H-Shield or FTR-VALUE H	FTR-601 or OSFA	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR-601 or OSFA	SBS-CA1	None	SP-FB2	-67.5
R-88.	Existing asphaltic BUR	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	FTR-601 or OSFA	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR-601 or OSFA	SBS-TA	(Optional) SBS-TA	SP-FB2	-157.5
R-89.	Existing asphaltic BUR	Min. 0.25-inch DensDeck Prime	OB-500	None	N/A	SBS-AA	(Optional) SBS-AA	SP-FB2	-120.0
R-90.	Existing asphaltic BUR	Min. 0.25-inch DensDeck Prime	OB-500	None	N/A	SBS-TA	(Optional) SBS-TA	SP-FB2	-120.0
R-91.	Existing asphaltic BUR	Min. 0.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	OB-500	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	OB-500	SBS-AA	(Optional) SBS-AA	SP-FB2	-120.0
R-92.	Existing asphaltic BUR	Min. 0.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	OB-500	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	OB-500	SBS-TA	(Optional) SBS-TA	SP-FB2	-120.0

TABLE 7B: RECOVER APPLICATIONS SYSTEM TYPE A-1: BONDED INSULATION, BONDED BASE PLY(S), BONDED ROOF COVER									
System No.	Substrate (Note 1 & 12)	Base Insulation Layer		Top Insulation Layer		Roof Cover (Note 15)			MDP (psf)
		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
FIBERTITE-FB APPLIED IN HOT ASPHALT:									
R-93.	Existing asphaltic BUR	Min. 0.25-inch DensDeck Prime	FTR-601 or OSFA	None	N/A	SBS-AA	(Optional) SBS-AA	SP-FB4	-82.5
R-94.	Existing asphaltic BUR	Min. 0.25-inch DensDeck Prime	FTR-601 or OSFA	None	N/A	SBS-TA	(Optional) SBS-TA	SP-FB4	-82.5
R-95.	Existing asphaltic BUR	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	FTR-601 or OSFA	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR-601 or OSFA	SBS-AA	(Optional) SBS-AA	SP-FB4	-157.5
R-96.	Existing asphaltic BUR	Min. 1.5-inch ACFoam II, FTR-VALUE A, H-Shield or FTR-VALUE H	FTR-601 or OSFA	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR-601 or OSFA	SBS-CA1	None	SP-FB4	-67.5
R-97.	Existing asphaltic BUR	Min. 1.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	FTR-601 or OSFA	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR-601 or OSFA	SBS-TA	(Optional) SBS-TA	SP-FB4	-157.5
R-98.	Existing asphaltic BUR	Min. 0.25-inch DensDeck Prime	OB-500	None	N/A	SBS-AA	(Optional) SBS-AA	SP-FB4	-82.5
R-99.	Existing asphaltic BUR	Min. 0.25-inch DensDeck Prime	OB-500	None	N/A	SBS-TA	(Optional) SBS-TA	SP-FB4	-82.5
R-100.	Existing asphaltic BUR	Min. 0.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	OB-500	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	OB-500	SBS-AA	(Optional) SBS-AA	SP-FB4	-120.0
R-101.	Existing asphaltic BUR	Min. 0.5-inch ACFoam II, FTR-VALUE A, ENRGY 3, FTR-VALUE, H-Shield or FTR-VALUE H	OB-500	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	OB-500	SBS-TA	(Optional) SBS-TA	SP-FB4	-120.0

TABLE 7C: STEEL - RECOVER
SYSTEM TYPE C-2: PLATE-BONDED ROOF COVER
(All areas where the existing metal panels do not lay flush on the underlying purlin shall have a 0.25-inch diameter pilot hole pre-drilled into the panel prior to driving the Purlin Fastener into the purlin.)

System No.	Substrate (Note 1)	Insulation Layer	Attachment		Roof Cover (Note 15B)	MDP (psf)
			Fasteners (Note 11)	Spacing		
RHINOBOND FASTENING SYSTEM:						
R-102.	Existing standing seam or lap seam metal roof covers having min. 16 gauge (0.0598 inch), 50 ksi steel purlins spaced **max. 60-inch o.c.**	One or more layers, any combination, preliminarily fastened (min. 2-inch for TreadSafe)	FTR Retro-Driller with FTR-IW RhinoBond Plate or FTR-IW RhinoBond Treadsafe Plate or OMG RetroDriller with RHINOBOND Insulation Plates (PVC) or RHINOBOND TreadSafe Plates (PVC) are fastened through to purlins	12-inch o.c. along purlins spaced max. 60-inch o.c.	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded to FTR-IW RhinoBond Plates, FTR-IW RhinoBond Treadsafe Plate, RHINOBOND Insulation Plates (PVC) or RHINOBOND TreadSafe Plates (PVC) with RhinoBond Portable Plate Bonding Tool	-52.5
R-103.	Existing standing seam or lap seam metal roof covers having min. 16 gauge (0.0598 inch), 50 ksi steel purlins spaced **max. 60-inch o.c.**	One or more layers, any combination, preliminarily fastened (min. 2-inch for TreadSafe)	FTR Retro-Driller with FTR-IW RhinoBond Plate or FTR-IW RhinoBond Treadsafe Plate OMG RetroDriller with RHINOBOND Insulation Plates (PVC) are fastened through to purlins or RHINOBOND TreadSafe Plates (PVC)	6-inch o.c. along purlins spaced max. 60-inch o.c.	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded to FTR-IW RhinoBond Plates, FTR-IW RhinoBond Treadsafe Plate, RHINOBOND Insulation Plates (PVC) or RHINOBOND TreadSafe Plates (PVC) with RhinoBond Portable Plate Bonding Tool	-90.0
FTR-IW ISOWELD® SYSTEMS:						
R-104.	Existing standing seam or lap seam metal roof covers having min. 16 gauge (0.0598 inch), 50 ksi steel purlins spaced **max. 60-inch o.c.**	One or more layers, any combination, min. 1.5-inch thick, min. 16-psi compressive strength, loose laid or preliminarily attached	FTR Retro-Driller or OMG RetroDriller with FTR-IW isoweld® Plate	12-inch o.c. along purlins spaced max. 60-inch o.c.	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded to FTR-IW isoweld® Plates with *isoweld* Induction Bonding Tool and *isoweld* Magnets.	-52.5
R-105.	Existing standing seam or lap seam metal roof covers having min. 16 gauge (0.0598 inch), 50 ksi steel purlins spaced **max. 60-inch o.c.**	One or more layers, any combination, min. 1.5-inch thick, min. 16-psi compressive strength, loose laid or preliminarily attached	FTR Retro-Driller or OMG RetroDriller with FTR-IW isoweld® Plate	6-inch o.c. along purlins spaced max. 60-inch o.c.	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded to FTR-IW isoweld® Plates with *isoweld* Induction Bonding Tool and *isoweld* Magnets.	-82.5

TABLE 7D: STEEL - RECOVER SYSTEM TYPE D-1: INSULATED, MECHANICALLY ATTACHED ROOF COVER (All areas where the existing metal panels do not lay flush on the underlying purlin shall have a 0.25-inch diameter pilot hole pre-drilled into the panel prior to driving the Purlin Fastener into the purlin.)							
System No.	Deck (Note 1)	Insulation (Note 13)		Roof Cover (Note 15A)			MDP (psf)
		Type	Attach (Note 5)	Membrane	Fasteners (Note 11)	Attachment	
OPEN STYLE:							
R-106.	Existing standing seam or lap seam metal roof covers having min. 12 gauge (0.105 in.), 36 ksi steel purlins spaced **max. 95-inch o.c.**	One or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FTR-PurlinT Fastener with FTR Magnum-R275 or Trufast #12 Purlin Fastener (square drive) with Trufast 2-3/4" Barbed Metal Seam Plate (EHD)	18-inch o.c. within min. 5-inch wide laps spaced max. 95-inch o.c. to engage steel purlin. Laps sealed with 1.5-inch heat weld.	-30.0
R-107.	Existing standing seam or lap seam metal roof covers having min. 12 gauge (0.105 in.), 36 ksi steel purlins spaced **max. 95-inch o.c.**	One or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FTR-PurlinT Fastener with FTR Magnum-R275 or Trufast #12 Purlin Fastener (square drive) with Trufast 2-3/4" Barbed Metal Seam Plate (EHD)	12-inch o.c. within min. 5-inch wide laps spaced max. 95-inch o.c. to engage steel purlin. Laps sealed with 1.5-inch heat weld.	-45.0
R-108.	Existing standing seam or lap seam metal roof covers having min. 12 gauge (0.105 in.), 36 ksi steel purlins spaced **max. 95-inch o.c.**	One or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FTR-PurlinT Fastener with FTR Magnum-R275 or Trufast #12 Purlin Fastener (square drive) with Trufast 2-3/4" Barbed Metal Seam Plate (EHD)	6-inch o.c. within min. 5-inch wide laps spaced max. 95-inch o.c. to engage steel purlin. Laps sealed with 1.5-inch heat weld.	-67.5
CLOSED STYLE:							
R-109.	Existing standing seam or lap seam metal roof covers having min. 12 gauge (0.105 in.), 36 ksi steel purlins spaced **max. 120-inch o.c.**	One or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FTR-PurlinT Fastener with FTR Magnum-R275 or Trufast #12 Purlin Fastener (square drive) with Trufast 2-3/4" Barbed Metal Seam Plate (EHD)	12-inch o.c. through the field of the membrane in rows spaced max. 120-inch o.c. to engage steel purlin. Fastener rows covered with a 6-inch wide strip of FiberTite membrane with 1½-inch field welds on all sides.	-45.0

TABLE 7E: RECOVER APPLICATIONS SYSTEM TYPE F: NON-INSULATED, BONDED ROOF COVER			
System No.	Substrate (Note 1 & 12)	Roof Cover (Note 15)	MDP (psf)
R-110.	Existing granule-surface built-up roof (BUR), granule-surface SBS modified bitumen or granule-surface APP modified bitumen roof system over structural concrete deck	SP-FB2 (2 gal./square)	-85.0
R-111.	Existing smooth-surface built-up roof (BUR) or smooth-surface SBS modified bitumen roof system over structural concrete deck	SP-FB2 (2 gal./square)	-410.0
R-112.	Existing smooth-surface or granule-surface built-up roof (BUR), smooth-surface or granule-surface SBS modified bitumen or granule-surface APP modified bitumen roof system over structural concrete deck	SP-FB4 or SP-FB5	-410.0