



NEMO|etc.

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ENGINEER

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EVALUATION REPORT

GenFlex Roofing Systems

A Division of Firestone Building Products Company, LLC.

200 4th Avenue South

Nashville, TN 37201

(317) 575-7017

Evaluation Report 9545.07.15-R2

FL17843-R2

Date of Issuance: 07/01/2015

Revision 2: 09/24/2020

SCOPE:

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

DESCRIPTION: GenFlex EPDM Single Ply Roof Systems

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 42-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 09/24/2020. 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: GenFlex EPDM Single Ply Roof Systems, as produced by GenFlex Roofing Systems, have demonstrated compliance with the following sections of the **7th Edition (2020) Florida Building Code, High Velocity Hurricane Zone** 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:

<u>Section</u>	<u>Property</u>	<u>Standard</u>	<u>Year</u>
TAS 110	Resistance to Foot Traffic	TAS 114, Section 8.9	2011
TAS 110	Wind resistance	TAS 114, Appendix C, D or J	2011
TAS 110	Susceptibility Hail Damage	TAS 114, Appendix F	2011
TAS 110	Susceptibility to Leakage	TAS 114, Appendix G	2011
TAS 110	Physical Properties	ASTM D4637	2014

3. REFERENCES:

<u>Entity</u>	<u>Examination</u>	<u>Reference</u>	<u>Date</u>
ERD (TST1867)	FM 4470/4474	F12260.02.09-2	02/04/2009
ERD (TST1867)	Physical Properties	F9240.07.08-R2	07/10/2009
ERD (TST1867)	Physical Properties	F9240.11.08-R1	07/10/2009
ERD (TST1867)	Physical Properties	F9240.03.09-R2	07/30/2009
ERD (TST1867)	Physical Properties	F13260.08.09-1	08/07/2009
ERD (TST1867)	Physical Properties	F31910.04.10	04/08/2010
ERD (TST1867)	FM 4470/4474	F13950.05.10	05/05/2010
ERD (TST1867)	Physical Properties	F45950.05.14	05/13/2014
ERD (TST1867)	Physical Properties	F45950.07.14-1	03/30/2015
ERD (TST1867)	Physical Properties	F45950.03.15-4	04/08/2015
FM Approvals (TST1867)	FM 4470	1V1A7.AM	06/25/1992
FM Approvals (TST1867)	FM 4470	1W3A4.AM	12/01/1992
FM Approvals (TST1867)	FM 4470	1T7A3.AM	01/18/1992
FM Approvals (TST1867)	FM 4470	1V6A9.AM	02/27/1992
FM Approvals (TST1867)	FM 4470	2W6A2.AM	06/25/1993
FM Approvals (TST1867)	FM 4470	2X9A8.AM	06/14/1994
FM Approvals (TST1867)	FM 4470	3010822	07/31/2002
FM Approvals (TST1867)	FM 4470	3011282	08/08/2002
FM Approvals (TST1867)	FM 4470	3014031	07/22/2002
FM Approvals (TST1867)	FM 4470/4474	3014538	05/27/2004
FM Approvals (TST1867)	FM 4470/4474	3014826	10/07/2002
FM Approvals (TST1867)	FM 4470/4474	3014874	08/16/2004
FM Approvals (TST1867)	FM 4470/4474	3015479	06/04/2004
FM Approvals (TST1867)	FM 4470/4474	3031944	08/12/2008
FM Approvals (TST1867)	FM 4470/4474	3033218	08/12/2008
FM Approvals (TST1867)	FM 4470/4474	3034561	12/08/2008
FM Approvals (TST1867)	FM 4470/4474	3033921	01/12/2009
FM Approvals (TST1867)	FM 4470/4474	3035774	03/05/2009
FM Approvals (TST1867)	FM 4470/4474	3035017	04/15/2009
FM Approvals (TST1867)	FM 4470/4474	3036256	04/27/2009
FM Approvals (TST1867)	FM 4470/4474	797-04929-267	09/25/2009
FM Approvals (TST1867)	FM 4470/4474	797-05257-267	02/16/2010
FM Approvals (TST1867)	FM 4470/4474	3036586	02/22/2010
FM Approvals (TST1867)	FM 4470/4474	797-05416-267	04/05/2010
FM Approvals (TST1867)	PLA	3038865	05/24/2010

Entity	Examination	Reference	Date
FM Approvals (TST1867)	FM 4470/4474	797-05839-267	09/08/2010
FM Approvals (TST1867)	FM 4470/4474	797-05838-267	09/24/2010
FM Approvals (TST1867)	FM 4470/4474	3038442	11/18/2010
FM Approvals (TST1867)	FM 4470/4474	3038546	12/17/2010
FM Approvals (TST1867)	FM 4470/4474	3036183	12/23/2010
FM Approvals (TST1867)	FM 4470/4474	3041535	06/08/2011
FM Approvals (TST1867)	FM 4470/4474	3041949	06/10/2011
FM Approvals (TST1867)	FM 4470/4474	3042909	08/03/2011
FM Approvals (TST1867)	FM 4470/4474	3038191	08/04/2011
FM Approvals (TST1867)	FM 4470/4474	3038770	08/04/2011
FM Approvals (TST1867)	FM 4470/4474	797-06739-267	9/13/2011
FM Approvals (TST1867)	FM 4470/4474	797-06758-267	9/21/2011
FM Approvals (TST1867)	FM 4470/4474	3036639	11/22/2011
FM Approvals (TST1867)	FM 4470/4474	3043994	2/15/2012
FM Approvals (TST1867)	FM 4470/4474	797-07104-267	3/19/2012
FM Approvals (TST1867)	FM 4470/4474	3044429	4/12/2012
FM Approvals (TST1867)	FM 4470/4474	3044047	5/17/2012
FM Approvals (TST1867)	FM 4470/4474	3045334	6/11/2012
FM Approvals (TST1867)	FM 4470/4474	3041939	8/14/2012
FM Approvals (TST1867)	FM 4470/4474	797-07749-267	10/4/2012
FM Approvals (TST1867)	FM 4470/4474	3044008	12/19/2012
FM Approvals (TST1867)	FM 4470/4474	3046870	3/22/2013
FM Approvals (TST1867)	FM 4470/4474	797-08294-267	4/26/2013
FM Approvals (TST1867)	FM 4470/4474	797-08339-267	5/10/2013
FM Approvals (TST1867)	FM 4470/4474	3049316	5/30/2013
FM Approvals (TST1867)	FM 4470/4474	3047398	8/15/2013
FM Approvals (TST1867)	FM 4470/4474	797-09105-267	1/22/2014
PRI (TST5878)	ASTM D4637	FBP-384-02-01	06/26/2016
PRI (TST5878)	ASTM D4637	FBP-387-02-01	08/02/2018
UL LLC (QUA 9625)	Quality Control	Service Confirmation	08/14/2020

4. PRODUCT DESCRIPTION:

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

TABLE 1: ROLL-GOODS FOR EPDM SINGLE PLY ROOF SYSTEMS				
Product	Nominal Thickness (mil)	Material Standard		Plant(s)
		Reference	Type	
GenFlex AFR	45, 60	ASTM D4637	I	Prescott, AR
GenFlex AFR PT	60	ASTM D4637	I	
GenFlex AFR EPDM 90 mil	90	ASTM D4637	I	
GenFlex FlexWhite EPDM	60	ASTM D4637	I	
GenFlex II FRM	45, 60, 75	ASTM D4637	II	
GenFlex II FRM-FR	45, 60	ASTM D4637	II	
GenFlex II FRM PT	45, 60	ASTM D4637	II	

5. LIMITATIONS:

- 5.1 This is a Building Code Evaluation. Neither NEMO ETC, LLC nor Robert Nieminen, P.E. are, in any way, the Designer of Record for any project on which this Evaluation Report, or previous versions thereof, is/was used for permitting or design guidance unless retained specifically for that purpose.
- 5.2 This Evaluation Report is not for use in Non-High Velocity Hurricane Zone jurisdictions.
- 5.3 The evaluation herein pertains to above-deck roof components; deck-attachment details pertain to 'as-tested' conditions under **Testing Application Standard TAS 114, Appendix J**. Roof decks shall be in accordance with **FBC HVHZ** requirements to the satisfaction of the Authority Having Jurisdiction.
- 5.4 This Evaluation Report does not include evaluation of fire classification. Refer to **FBC HVHZ 1516** for requirements and limitations regarding roof assembly fire classification. Refer to **FBC 2603** for requirements and limitations concerning the use of foam plastic insulation.
- 5.5 This Evaluation Report does not include evaluation of roof edge termination. Refer to **Roofing Application Standard RAS 111** for requirements and limitations regarding edge securement for low-slope roofs.
- 5.6 Refer to **FBC HVHZ 1521** for requirements and limitations regarding recover installations.
- 5.6.1 For mechanically attached components over existing roof decks, fasteners shall be tested in the existing deck for withdrawal resistance. A qualified design professional shall review the data for comparison to the minimum requirements for the system. Testing shall be in accordance with **Testing Application Standard TAS 105**.
- 5.6.2 For bonded insulation or membrane over existing substrates in a re-roof (tear off) or recover installation, the existing deck or existing roof surface shall be examined for compatibility with the adhesive to be installed. If any surface conditions exist that bring system performance into question, field uplift testing in accordance with **Testing Application Standard TAS 124** shall be conducted on mock-ups of the proposed new roof assembly.
- 5.6.3 For bonded insulation or membrane over existing substrates in a recover installation, the existing roof system shall be capable of resisting project design pressures on its own merit to the satisfaction of the Authority Having Jurisdiction, as documented through field uplift testing in accordance with **Testing Application Standard TAS 124**.
- 5.7 Refer to Appendix 1 for system attachment requirements for wind load resistance.
- 5.7.1 "MDP" = Maximum Design Pressure is the result of testing for wind load resistance based on allowable wind loads, and reflects the ultimate passing pressure divided by 2 (the 2 to 1 margin of safety per **Testing Application Standard TAS 114** has already been applied). Refer to **FBC HVHZ 1620** and **Roofing Application Standard RAS 128** for determination of design wind loads.
- 5.7.2 For mechanically attached components, the maximum design pressure for the selected assembly shall meet or exceed at least the Zone 1 PRIME design pressure determined in accordance with **FBC HVHZ 1620** or **Roofing Application Standard RAS 128**. Elevated pressure zones shall employ an attachment density designed by a qualified design professional to resist the elevated pressure criteria. Analysis shall be in accordance with **Roofing Application Standard RAS 117** or **Roofing Application Standard RAS 137**. ****This extrapolation is not permitted for systems marked with an asterisk*.***
- 5.7.3 For assemblies marked with an asterisk*, the maximum design pressure (MDP) limitation shall be applicable to all roof pressure zones. Rational analysis is not permitted.
- 5.8 All components in the roof assembly shall have quality assurance audit in accordance with **F.A.C. Rule 61G20-3**. Refer to the Product Approval of the component manufacturer for components listed in Appendix 1 that are produced by a Product Manufacturer other than the report holder on Page 1 of this Evaluation Report.

6. INSTALLATION:

GenFlex EPDM Roof Systems shall be installed in accordance with **GenFlex Roofing Systems** 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 codified material standards.

9. QUALITY ASSURANCE ENTITY:

UL, LLC – QUA9625; (414) 248-6409; karen.buchmann@ul.com

- THE 42-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), Recover	C-1	Mechanically Attached Insulation, Bonded Roof Cover	4-6
1B	Wood	New, Reroof (Tear-Off), Recover	D-1	Insulated, Mechanically Attached Roof Cover (Stress Plates)	6
1C	Wood	New, Reroof (Tear-Off), Recover	D-1	Insulated, Mechanically Attached Roof Cover (Battens)	6
2A	Steel or Structural concrete	New, Reroof (Tear-Off), Recover	B-1	Mech. Attached Base Insulation, Bonded Top Insulation, Bonded Roof Cover	7-12
2B	Steel or Structural concrete	New, Reroof (Tear-Off), Recover	B-2	Mech. Attached Base Insulation, Bonded Temp Roof, Bonded Top Insulation, Bonded Roof Cover	13
2C	Steel or Structural concrete	New, Reroof (Tear-Off), Recover	C-1	Mechanically Attached Insulation, Bonded Roof Cover	13-22
2D	Steel or Structural concrete	New, Reroof (Tear-Off), Recover	D-1	Insulated, Mechanically Attached Roof Cover (Stress Plates)	22
2E	Steel or Structural concrete	New, Reroof (Tear-Off), Recover	D-1	Insulated, Mechanically Attached Roof Cover (Battens)	23
2F	Steel or Structural concrete	New, Reroof (Tear-Off), Recover	D-1	Insulated, Mechanically Attached Roof Cover (RMA Strips)	24
3A	Structural concrete	New, Reroof (Tear-Off)	A-1	Bonded Insulation, Bonded Roof Cover	25-31
4A	LWC	New, Reroof (Tear-Off)	A-1	Bonded Insulation, Bonded Roof Cover	32-34
4B	LWC	New, Reroof (Tear-Off)	A-2	Mech. Attached Anchor Sheet, Bonded Insulation, Bonded Roof Cover	34
5A	CWF	New, Reroof (Tear-Off)	A-1	Bonded Insulation, Bonded Roof Cover	35
5B	CWF	New, Reroof (Tear-Off)	A-2	Mech. Attached Anchor Sheet, Bonded Insulation, Bonded Roof Cover	35
6A	Gypsum	Reroof (Tear-Off)	A-1	Bonded Insulation, Bonded Roof Cover	36
6B	Gypsum	Reroof (Tear-Off)	A-2	Mech. Attached Anchor Sheet, Bonded Insulation, Bonded Roof Cover	37
7A	Various	Recover	A-1	Bonded Insulation, Bonded Roof Cover	38-41
7B	Steel	Recover	D-1	Insulated, Mechanically Attached Roof Cover (Battens)	42
7C	Steel	Recover	D-1	Insulated, Mechanically Attached Roof Cover (RMA Strips)	42

The following notes apply to the systems outlined herein:

- The roof system evaluation herein pertains to above-deck roof components. Roof decks and structural members shall be in accordance with FBC HVHZ requirements to the satisfaction of the Authority Having Jurisdiction. Deck-attachment details pertain to 'as-tested' conditions under Testing Application Standard TAS 114, Appendix J.
- Unless otherwise noted, fasteners and stress plates shall be as follows. Fasteners shall be of sufficient length for the following engagements:
 - Wood Deck: GenFast #14 or #15(WH) Fasteners with GenFast Insulation Plates or GenFast AP Fasteners with GenFast 3" Round Insulation Fastening Plates. Minimum ¾-inch plywood penetration or 1-inch wood plank embedment.
 - Steel Deck: GenFast #14 or #15(WH) Fasteners with GenFast Insulation Plates or GenFast AP Fasteners with GenFast 3" Round Insulation Fastening Plates. Minimum ¾-inch steel penetration, engage the top flute of the steel deck.
 - Structural concrete: GenFast #14 or #15(WH) Fasteners with GenFast Insulation Plates or GenFast AP Fasteners or GenFast Concrete Drive Fasteners with GenFast 3" Round Insulation Fastening Plates. Minimum 1.25-inch embedment. Fasteners installed with a pilot hole in accordance with the fastener manufacturer's published installation instruction.
- Unless otherwise noted, insulation may be any one layer or combination of FBC Approved (Local or Statewide) board(s) that meet FBC HVHZ 1516 and, for foam plastic, FBC Chapter 26, when installed with the roof cover.
- If mechanical attachment to the structural deck through lightweight insulating concrete is proposed, field withdrawal resistance testing shall be performed to confirm equivalent or determine enhanced fastening patterns and density. All testing and fastening design shall be in compliance with Testing Application Standard TAS 105 and Roofing Application Standard RAS 117 and/or RAS 137. Calculations shall be prepared, signed and sealed by a qualified design professional.
- Preliminary insulation attachment for System Type D: Minimum four fasteners per 4 x 8 ft board or minimum two fasteners per 4 x 4 ft board.

- 6 Unless otherwise noted, insulation adhesive application rates are as follows. Ribbon or bead width is at the time of application; the ribbons/beads shall expand as noted in the manufacturer's published instructions.
- Hot asphalt: Full coverage, 20-40 lbs/square.
 - GenFlex One Step Insulation Adhesive (G-OSIA): Continuous ½ to ¾-inch beads, 12-inch o.c.
 - Firestone I.S.O. FIX II: Continuous 0.75-inch beads, 8-inch o.c.
 - Firestone I.S.O. Stick: Continuous 0.75 to 1-inch wide ribbons, 12-inch o.c.
 - ICP Adhesives Polyset CR-20: Continuous 2.5-3.5-inch wide 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.
- Tapered GenFlex ISO:
- Hot asphalt: MDP -120.0 psf (Min. 0.5-inch thick)
 - GenFlex One Step Insulation Adhesive (G-OSIA): MDP -157.5 psf (Min. 0.5-inch thick)
 - Firestone I.S.O. FIX II: MDP -172.5 psf (Min. 0.5-inch thick)
 - Firestone I.S.O. Stick: MDP -187.5 psf (Min. 0.5-inch thick)
 - ICP Adhesives Polyset CR-20: MDP -117.5 psf (Min. 1.0-inch thick)
- Tapered GenFlex Coated Glass Facer:
- GenFlex One Step Insulation Adhesive (G-OSIA), 12-inch o.c.: MDP -165.0 psf (Min. 0.5-inch thick)
 - GenFlex One Step Insulation Adhesive (G-OSIA), 6-inch o.c.: MDP -405.0 psf (Min. 0.5-inch thick)
 - Firestone I.S.O. FIX II, 12-inch o.c.: MDP -165.0 psf (Min. 0.5-inch thick)
 - Firestone I.S.O. FIX II, 6-inch o.c.: MDP -405.0 psf (Min. 0.5-inch thick)
 - Firestone I.S.O. Stick, 12-inch o.c.: MDP -165.0 psf (Min. 0.5-inch thick)
 - Firestone I.S.O. Stick, 6-inch o.c.: MDP -405.0 psf (Min. 0.5-inch thick)
- 8 Bonded polyisocyanurate insulation boards shall be maximum 4 x 4 ft.
- 9 For mechanically attached components, the maximum design pressure for the selected assembly shall meet or exceed at least the Zone 1 PRIME design pressure determined in accordance with FBC HVHZ 1620 or Roofing Application Standard RAS 128. Elevated pressure zones shall employ an attachment density designed by a qualified design professional to resist the elevated pressure criteria in accordance with Roofing Application Standard RAS 117 or Roofing Application Standard RAS 137. *This extrapolation is not permitted for systems marked with an asterisk*
- 10 For assemblies marked with an asterisk*, the maximum design pressure for the selected assembly shall meet or exceed critical design pressure determined in accordance with FBC Chapter 16. No rational analysis is permitted for these systems.
- 11 For mechanically attached components over existing decks, fasteners shall be tested in the existing deck for withdrawal resistance in accordance with Testing Application Standard TAS 105. A qualified design professional shall review the data for comparison to the minimum requirements for the system. Should the fastener resistance be less than that required, a revised fastener spacing – prepared, signed and sealed by a qualified design professional in accordance with Roofing Application Standard RAS 117 or Roofing Application Standard RAS 137 – may be submitted to the Building Official for review and acceptance.
- 12 Refer to FBC HVHZ 1521 for requirements and limitations regarding recover installations. For bonded insulation or membrane over existing substrates in a re-roof (tear off) or recover installation, the existing deck or existing roof surface shall be examined for compatibility with the adhesive to be installed. If any surface conditions exist that bring system performance into question, field uplift testing 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 in accordance with Testing Application Standard TAS 124.
- 13 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 HVHZ Approved insulation board or coverboard may be used as a separation layer. Board products shall be preliminarily attached prior to roof cover installation (Note 5 herein). The separator component shall be documented as meeting FBC HVHZ 1516 and, for foam plastic, FBC Chapter 26, when installed with the roof cover in Recover applications.

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

MEMBRANE / ADHESIVE COMBINATIONS			
MEMBRANE	ADHESIVE	METHOD	RATE
EPDM	GenFlex EPDM Bonding Adhesive (EPDM-BA)	Contact Application	45 to 60 ft ² /gal
EPDM	GenFlex EPDM Bonding Adhesive LVOC (BA-LVOC)	Contact Application	45 to 60 ft ² /gal
EPDM	GenFlex EPDM Bonding Adhesive LVOC-1168 (BA-LVOC-1168)	Contact Application	45 to 60 ft ² /gal
EPDM	Water Based Bonding Adhesive-P (WBBA-P)	Contact Application	100 to 120 ft ² /gal.

- 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 (NOTE 15)	APPLICATION		
C-VB-1.	ASTM D41	GenFlex MB Base Sheet or Firestone MB Base, SBS Base, SBS Base-P, SBS PolyBase, SBS Premium Base, SBS Premium Poly Base, APP 160 COOL or APP 170 COOL	Firestone Multi-Purpose MB Cold Adhesive, 1.5-2.0 gal/sq.	Firestone Multi-Purpose MB Cold Adhesive	-67.5*
C-VB-2.	None	GenFlex MB Base Sheet	Firestone LiquiGard, 1.5-2.0 gal/sq.	Firestone I.S.O. Spray R, 12" o.c.	-240.0*
C-VB-3.	None	GenFlex MB Base Sheet	Firestone LiquiGard, 1.5-2.0 gal/sq.	G-OSIA, 12" o.c.	-240.0*
C-VB-4.	None	Firestone SBS Base, SBS Base-P, SBS PolyBase, SBS Premium Base, SBS Premium Poly Base	Firestone LiquiGard, 1.5-2.0 gal/sq.	Firestone I.S.O. Spray R, 12" o.c.	-240.0*
C-VB-5.	None	Firestone SBS Base, SBS Base-P, SBS PolyBase, SBS Premium Base, SBS Premium Poly Base	Firestone LiquiGard, 1.5-2.0 gal/sq.	G-OSIA, 12" o.c.	-240.0*
C-VB-6.	ASTM D41	GenFlex MB Base Sheet	G-OSIA, 4" o.c.	G-OSIA, 12-inch o.c.	-232.5*
C-VB-7.	ASTM D41	1 or 2 plies GenFlex Type IV Ply Felt or GenFlex Type VI Ply Felt or 1 ply Firestone MB Base, SBS Base, SBS Polybase or SBS Premium Base	Hot asphalt	Hot asphalt	-120.0*
C-VB-8.	ASTM D41	1 or 2 plies GenFlex Type IV Ply Felt or GenFlex Type VI Ply Felt or 1 ply Firestone MB Base, SBS Base, SBS Polybase or SBS Premium Base	Hot asphalt	I.S.O. Spray R or G-OSIA, 12" o.c.	-495.0*
C-VB-9.	ASTM D41	GenFlex SBS Base Sheet GT or Firestone SBS Poly Torch Base, SBS Glass Torch Base, SBS Glass Torch Base 1.5, SBS Smooth	Torch-applied	I.S.O. Spray R or G-OSIA, 12" o.c.	-495.0*
C-VB-10.	SA-Solvent Based (SB) Primer	GenFlex Vapor Shield Membrane	Self-adhering	I.S.O. Spray R, 12" o.c.	-255.0*
C-VB-11.	SA-Solvent Based (SB) Primer	GenFlex Vapor Shield Membrane	Self-adhering	I.S.O. Stick, 12" o.c.	-262.5*
C-VB-12.	SA-Solvent Based (SB) Primer	GenFlex Vapor Shield Membrane	Self-adhering	G-OSIA, 12" o.c.	-255.0*

- 17 For membrane attachment using batten-strips, batten-strip end laps shall be spliced with sufficient dimension to allow for minimum 2-fasteners at each batten-strip lap. Side laps shall be sealed in accordance with GenFlex requirements:

LAP SEALING METHODS		
MEMBRANE	PRIMER	ADHESIVE
Black, non-“PT” EPDM	GenFlex Cleaner or GenFlex All Purpose LVOC Cleaner	GenSplice
Black, non-“PT” EPDM	GenPrime, GenPrime LVOC, GenFlex Clear Primer, All Purpose LVOC Primer	GenFlex Seam Tape
GenFlex EPDM “PT”	GenPrime, GenPrime LVOC, GenFlex Clear Primer, All-Purpose LVOC Primer	Factory laminated GenFlex Seam Tape
GenFlex FlexWhite EPDM	GenFlex Clear Primer, All-Purpose LVOC Primer	GenFlex White Seam Tape

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

TABLE 1A: WOOD DECKS - NEW CONSTRUCTION, 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	Type	Attach	
MEMBRANE IN GENFLEX EPDM BONDING ADHESIVE EPDM-BA:								
W-1	Min. 19/32-inch plywood or wood plank at max. 24-inch spans	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch GenFlex ISO	Note 2	1 per 2.0 ft²	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-45.0*
W-2	Min. 19/32-inch plywood or wood plank at max. 24-inch spans	(Optional) One or more layers, any combination, loose laid	Min. 1-inch Firestone “FiberTop B”	Note 2	1 per 2.0 ft²	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-45.0*
W-3	Min. 15/32-inch plywood or wood plank at max. 24-inch spans	(Optional) One or more layers, any combination, loose laid	Min. 1-inch GenFlex HD ISO	Note 2	1 per 2.0 ft²	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-45.0*
W-4	Min. 23/32-inch plywood or wood plank.	Min. 1.5-inch thick, one or more layers, any combination, loose laid	19/32-inch plywood	Note 2	1 per 2.0 ft²	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-45.0*
W-5	Min. 23/32-inch plywood or wood plank.	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch GenFlex HailGard	Note 2	1 per 2.0 ft²	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-45.0*
W-6	Min. 19/32-inch plywood or wood plank at max. 24-inch spans; 8d ring shank nails, 6” o.c.	(Optional) One or more layers, any combination, loose laid	Min. 2-inch GenFlex ISO	Note 2	1 per 1.8 ft²	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-45.0
W-7	Min. 19/32-inch plywood or wood plank at max. 24-inch spans; 8d ring shank nails, 6” o.c.	(Optional) One or more layers, any combination, loose laid	Min. 0.5-inch Dens Deck, Dens Deck Prime or SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 1.6 ft²	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-45.0
MEMBRANE IN GENFLEX EPDM BONDING ADHESIVE LVOC:								
W-8	Min. 19/32-inch plywood or wood plank at max. 24-inch spans	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch GenFlex ISO	Note 2	1 per 2.0 ft²	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-45.0*

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

System No.	Deck (Note 1)	Base Insulation Layer (Note 13)	Top Insulation Layer			Roof Cover (Note 15)		MDP (psf)
			Type	Fasteners (Note 11)	Attach	Type	Attach	
W-9	Min. 19/32-inch plywood or wood plank at max. 24-inch spans	(Optional) One or more layers, any combination, loose laid	Min. 1-inch Firestone "FiberTop B"	Note 2	1 per 2.0 ft ²	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-45.0*
W-10	Min. 15/32-inch plywood or wood plank at max. 24-inch spans	(Optional) One or more layers, any combination, loose laid	Min. 1-inch GenFlex HD ISO	Note 2	1 per 2.0 ft ²	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-45.0*
W-11	Min. 23/32-inch plywood or wood plank.	Min. 1.5-inch thick, one or more layers, any combination, loose laid	19/32-inch plywood	Note 2	1 per 2.0 ft ²	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-45.0*
W-12	Min. 23/32-inch plywood or wood plank.	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch GenFlex HailGard	Note 2	1 per 2.0 ft ²	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-45.0*
W-13	Min. 19/32-inch plywood or wood plank at max. 24-inch spans; 8d ring shank nails, 6" o.c.	(Optional) One or more layers, any combination, loose laid	Min. 2-inch GenFlex ISO	Note 2	1 per 1.8 ft ²	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-45.0
W-14	Min. 19/32-inch plywood or wood plank at max. 24-inch spans; 8d ring shank nails, 6" o.c.	(Optional) One or more layers, any combination, loose laid	Min. 0.5-inch Dens Deck, Dens Deck Prime or SECURROCK Gypsum-Fiber Roof Board	Note 2	1 per 1.6 ft ²	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-45.0
MEMBRANE IN GENFLEX EPDM BONDING ADHESIVE LVOC-1168:								
W-15	Min. 19/32-inch plywood or wood plank at max. 24-inch spans	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch GenFlex ISO	Note 2	1 per 2.0 ft ²	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-45.0*
W-16	Min. 19/32-inch plywood or wood plank at max. 24-inch spans	(Optional) One or more layers, any combination, loose laid	Min. 1-inch Firestone "FiberTop B"	Note 2	1 per 2.0 ft ²	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-45.0*
W-17	Min. 15/32-inch plywood or wood plank at max. 24-inch spans	(Optional) One or more layers, any combination, loose laid	Min. 1-inch GenFlex HD ISO	Note 2	1 per 2.0 ft ²	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-45.0*
W-18	Min. 23/32-inch plywood or wood plank.	Min. 1.5-inch thick, one or more layers, any combination, loose laid	19/32-inch plywood	Note 2	1 per 2.0 ft ²	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-45.0*
W-19	Min. 23/32-inch plywood or wood plank.	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch GenFlex HailGard	Note 2	1 per 2.0 ft ²	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-45.0*
W-20	Min. 19/32-inch plywood or wood plank at max. 24-inch spans; 8d ring shank nails, 6" o.c.	(Optional) One or more layers, any combination, loose laid	Min. 2-inch GenFlex ISO	Note 2	1 per 1.8 ft ²	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-45.0

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

System No.	Deck (Note 1)	Base Insulation Layer (Note 13)	Top Insulation Layer			Roof Cover (Note 15)		MDP (psf)
			Type	Fasteners (Note 11)	Attach	Type	Attach	
W-21	Min. 19/32-inch plywood or wood plank at max. 24-inch spans; 8d ring shank nails, 6" o.c.	(Optional) One or more layers, any combination, loose laid	Min. 0.5-inch Dens Deck Prime	Note 2	1 per 1.6 ft ²	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-45.0
MEMBRANE IN WATER BASED BONDING ADHESIVE P:								
W-22	Min. 15/32-inch plywood or wood plank at max. 24-inch spans	(Optional) One or more layers, any combination, loose laid	Min. 1-inch GenFlex HD ISO	Note 2	1 per 2.0 ft ²	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	WBBA P	-45.0*
W-23	Min. 19/32-inch plywood or wood plank at max. 24-inch spans; 8d ring shank nails, 6" o.c.	(Optional) One or more layers, any combination, loose laid	Min. 2-inch GenFlex ISO	Note 2	1 per 1.8 ft ²	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	WBBA P	-45.0
W-24	Min. 19/32-inch plywood or wood plank at max. 24-inch spans; 8d ring shank nails, 6" o.c.	(Optional) One or more layers, any combination, loose laid	Min. 0.5-inch Dens Deck, Dens Deck Prime or SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 1.6 ft ²	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	WBBA P	-45.0

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

System No.	Deck (Note 1)	Insulation (Note 13)		Roof Cover			MDP (psf)
		Type	Attachment	Membrane	Fasteners (Note 11)	Attachment	
W-25	Min. 23/32-inch plywood or wood plank at max. 24-inch spans; 8d ring shank nails, 6" o.c.	Min. 1.5-inch thick, one or more layers, any combination	Preliminarily attached	GenFlex II FRM or II FRM-FR	GenFast AP Fasteners or GenFast HD Fasteners with GenFast 2" Metal Seam Plates	6-inch o.c. within 7-inch wide laps spaced 84-inch o.c.	-45.0
W-26	Min. 23/32-inch plywood or wood plank at max. 24-inch spans; 8d ring shank nails, 6" o.c.	Min. 1.5-inch thick, one or more layers, any combination	Preliminarily attached	Min. 0.060 inch GenFlex II FRM or II FRM-FR	GenFast AP Fasteners or GenFast HD Fasteners with GenFast Venting Seam Plates	6-inch o.c. within 7-inch wide laps spaced 114-inch o.c.	-45.0

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

System No.	Deck (Note 1)	Insulation (Note 13)		Roof Cover			MDP (psf)
		Type	Attachment	Membrane	Fasteners (Note 11)	Attachment	
W-27	Min. 23/32-inch plywood or wood plank at max. 24-inch spans; 8d ring shank nails, 6" o.c.	Min. 1.5-inch thick, one or more layers, any combination	Preliminarily attached	GenFlex II FRM or II FRM-FR	GenFast AP Fasteners or GenFast HD Fasteners with GenFlex Bar Anchor or GenFast Polymer Batten Strip	6-inch o.c. within 7-inch wide laps spaced 84-inch o.c.	-45.0
W-28	Min. 23/32-inch plywood or wood plank at max. 24-inch spans; 8d ring shank nails, 6" o.c.	Min. 1.5-inch thick, one or more layers, any combination	Preliminarily attached	GenFlex II FRM or II FRM-FR	GenFast AP Fasteners or GenFast HD Fasteners with GenFlex Bar Anchor or GenFast Polymer Batten Strip	6-inch o.c. within 7-inch wide laps spaced 114-inch o.c.	-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

Sys No.	Deck (Note 1)	Base Insulation Layer			Top Insulation Layer		Roof Cover (Note 15)		MDP (psf)
		Type	Fastener (Note 11)	Attach	Type	Attach (Notes 6,7,8)	Type	Attach	
MEMBRANE IN GENFLEX EPDM BONDING ADHESIVE EPDM-BA:									
SC-1.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch GenFlex ISO	Note 2	1 per 2.0 ft ²	Min. 1.5-inch GenFlex ISO	I.S.O. FIX II, G-OSIA, I.S.O. Stick	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-45.0*
SC-2.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2.25-inch GenFlex ISO	Note 2	1 per 4.0 ft ²	Min. 1.5-inch GenFlex ISO	I.S.O. FIX II, G-OSIA, I.S.O. Stick	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-45.0*
SC-3.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch GenFlex ISO	Note 2	1 per 2.0 ft ²	Min. 0.25-inch Dens Deck, Dens Deck Prime or SECUROCK Gypsum Fiber Roof Board	G-OSIA or I.S.O. Stick	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-45.0*
SC-4.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch GenFlex ISO	Note 2	1 per 2.0 ft ²	Min. 0.5-inch GenFlex HD ISO	G-OSIA, I.S.O. Stick	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-45.0*
SC-5.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch GenFlex ISO	Note 2	1 per 2.7 ft ²	Min. 1.5-inch GenFlex HD ISO Composite	I.S.O. FIX II, G-OSIA, I.S.O. Stick	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-45.0*
SC-6.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2-inch GenFlex ISO	Note 2	1 per 4.0 ft ²	Min. 1.5-inch GenFlex HD ISO Composite	I.S.O. FIX II, G-OSIA, I.S.O. Stick	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-45.0*
SC-7.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 0.5-inch Dens Deck Prime	Note 2	1 per 4.0 ft ²	Min. 1.5-inch GenFlex Coated Glass Facer followed by optional min. 0.5- inch GenFlex Coated Glass Facer	I.S.O. FIX II, G-OSIA, I.S.O. Stick	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-45.0*
SC-8.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch GenFlex Coated Glass Facer	Note 2	1 per 2.0 ft ²	Min. 0.5-inch GenFlex Coated Glass Facer	I.S.O. FIX II, G-OSIA, I.S.O. Stick	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-45.0*
SC-9.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch GenFlex Coated Glass Facer	Note 2	1 per 2.7 ft ²	Min. 1.5-inch GenFlex Coated Glass Facer	I.S.O. FIX II, G-OSIA, I.S.O. Stick	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-45.0*
SC-10.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2-inch GenFlex Coated Glass Facer	Note 2	1 per 4.0 ft ²	Min. 0.5-inch GenFlex Coated Glass Facer	I.S.O. FIX II, G-OSIA, I.S.O. Stick	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-45.0*
SC-11.	Min. 22 ga., type B, Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	Min. 1.5-inch GenFlex ISO	Note 2	1 per 1.6 ft ²	Min. 0.5-inch Dens Deck Prime	I.S.O. FIX II, G-OSIA, I.S.O. Stick, 6-inch o.c.	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-60.0

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

Sys No.	Deck (Note 1)	Base Insulation Layer			Top Insulation Layer		Roof Cover (Note 15)		MDP (psf)
		Type	Fastener (Note 11)	Attach	Type	Attach (Notes 6,7,8)	Type	Attach	
SC-12.	Min. 22 ga., type B, Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	Min. 1.5-inch GenFlex ISO	Note 2	1 per 1.6 ft ²	Min. 1.5-inch GenFlex ISO	G-OSIA	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-75.0
SC-13.	Min. 22 ga., type B, Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	Min. 1.5-inch GenFlex Coated Glass Facer	Note 2	1 per 1.6 ft ²	Min. 1.5-inch GenFlex Coated Glass Facer	I.S.O. FIX II, G-OSIA, I.S.O. Stick	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-75.0
SC-14.	Min. 22 ga., type B, Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	Min. 2-inch GenFlex ISO	Note 2	1 per 1.0 ft ²	Min. 0.5-inch GenFlex HD ISO	I.S.O. FIX II, G-OSIA, I.S.O. Stick, 4-inch o.c.	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-105.0
SC-15.	Min. 22 ga., type B, Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	Min. 2-inch GenFlex ISO	Note 2	1 per 1.0 ft ²	Min. 0.5-inch Dens Deck Prime	I.S.O. FIX II, G-OSIA, I.S.O. Stick, 4-inch o.c.	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-105.0
SC-16.	Min. 22 ga., type B, Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c.	Min. 2-inch GenFlex ISO	Note 2	1 per 1.0 ft ²	Min. 1-inch GenFlex ISO	I.S.O. FIX II, G-OSIA, I.S.O. Stick, 4-inch o.c.	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-112.5
SC-17.	Min. 22 ga., type B, Grade 33 steel; 6' spans; two (2) #12 HWH Tek 5 screws 6" o.c. or min. 2,500 psi structural concrete	Min. 2-inch GenFlex Coated Glass Facer	Note 2	1 per 1.0 ft ²	Min. 1.5-inch GenFlex Coated Glass Facer	I.S.O. FIX II, G-OSIA, I.S.O. Stick, 6-in o.c.	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-120.0
SC-18.	Min. 22 ga., type B, Grade 80 steel; 6' spans; two (2) #12 HWH Tek 5 screws 6" o.c. or min. 2,500 psi structural concrete	Min. 2-inch GenFlex ISO	Note 2	1 per 1.0 ft ²	Min. 1-inch GenFlex ISO	I.S.O. FIX II, G-OSIA, I.S.O. Stick, 4-inch o.c.	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-127.5
MEMBRANE IN GENFLEX EPDM BONDING ADHESIVE LVOC:									
SC-19.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch GenFlex ISO	Note 2	1 per 2.0 ft ²	Min. 1.5-inch GenFlex ISO	I.S.O. FIX II, G-OSIA, I.S.O. Stick	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-45.0*
SC-20.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2.25-inch GenFlex ISO	Note 2	1 per 4.0 ft ²	Min. 1.5-inch GenFlex ISO	I.S.O. FIX II, G-OSIA, I.S.O. Stick	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-45.0*
SC-21.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch GenFlex ISO	Note 2	1 per 2.0 ft ²	Min. 0.25-inch Dens Deck, Dens Deck Prime or SECUROCK Gypsum Fiber Roof Board	G-OSIA or I.S.O. Stick	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-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

Sys No.	Deck (Note 1)	Base Insulation Layer			Top Insulation Layer		Roof Cover (Note 15)		MDP (psf)
		Type	Fastener (Note 11)	Attach	Type	Attach (Notes 6,7,8)	Type	Attach	
SC-22.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch GenFlex ISO	Note 2	1 per 2.0 ft ²	Min. 0.5-inch GenFlex HD ISO	G-OSIA, I.S.O. Stick	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-45.0*
SC-23.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch GenFlex ISO	Note 2	1 per 2.7 ft ²	Min. 1.5-inch GenFlex HD ISO Composite	I.S.O. FIX II, G-OSIA, I.S.O. Stick	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-45.0*
SC-24.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2-inch GenFlex ISO	Note 2	1 per 4.0 ft ²	Min. 1.5-inch GenFlex HD ISO Composite	I.S.O. FIX II, G-OSIA, I.S.O. Stick	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-45.0*
SC-25.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 0.5-inch Dens Deck Prime	Note 2	1 per 4.0 ft ²	Min. 1.5-inch GenFlex Coated Glass Facer followed by optional min. 0.5- inch GenFlex Coated Glass Facer	I.S.O. FIX II, G-OSIA, I.S.O. Stick	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-45.0*
SC-26.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch GenFlex Coated Glass Facer	Note 2	1 per 2.0 ft ²	Min. 0.5-inch GenFlex Coated Glass Facer	I.S.O. FIX II, G-OSIA, I.S.O. Stick	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-45.0*
SC-27.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch GenFlex Coated Glass Facer	Note 2	1 per 2.7 ft ²	Min. 1.5-inch GenFlex Coated Glass Facer	I.S.O. FIX II, G-OSIA, I.S.O. Stick	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-45.0*
SC-28.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2-inch GenFlex Coated Glass Facer	Note 2	1 per 4.0 ft ²	Min. 0.5-inch GenFlex Coated Glass Facer	I.S.O. FIX II, G-OSIA, I.S.O. Stick	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-45.0*
SC-29.	Min. 22 ga., type B, Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	Min. 1.5-inch GenFlex ISO	Note 2	1 per 1.6 ft ²	Min. 0.5-inch Dens Deck Prime	I.S.O. FIX II, G-OSIA, I.S.O. Stick, 6-inch o.c.	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-60.0
SC-30.	Min. 22 ga., type B, Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	Min. 1.5-inch GenFlex ISO	Note 2	1 per 1.6 ft ²	Min. 1.5-inch GenFlex ISO	G-OSIA	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-75.0
SC-31.	Min. 22 ga., type B, Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	Min. 1.5-inch GenFlex Coated Glass Facer	Note 2	1 per 1.6 ft ²	Min. 1.5-inch GenFlex Coated Glass Facer	I.S.O. FIX II, G-OSIA, I.S.O. Stick	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-75.0
SC-32.	Min. 22 ga., type B, Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	Min. 2-inch GenFlex ISO	Note 2	1 per 1.0 ft ²	Min. 0.5-inch GenFlex HD ISO	I.S.O. FIX II, G-OSIA, I.S.O. Stick, 4-inch o.c.	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-105.0

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

Sys No.	Deck (Note 1)	Base Insulation Layer			Top Insulation Layer		Roof Cover (Note 15)		MDP (psf)
		Type	Fastener (Note 11)	Attach	Type	Attach (Notes 6,7,8)	Type	Attach	
SC-33.	Min. 22 ga., type B, Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	Min. 2-inch GenFlex ISO	Note 2	1 per 1.0 ft ²	Min. 0.5-inch Dens Deck Prime	I.S.O. FIX II, G-OSIA, I.S.O. Stick, 4-inch o.c.	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-105.0
SC-34.	Min. 22 ga., type B, Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c.	Min. 2-inch GenFlex ISO	Note 2	1 per 1.0 ft ²	Min. 1-inch GenFlex ISO	I.S.O. FIX II, G-OSIA, I.S.O. Stick, 4-inch o.c.	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-112.5
SC-35.	Min. 22 ga., type B, Grade 33 steel; 6' spans; two (2) #12 HWH Tek 5 screws 6" o.c. or min. 2,500 psi structural concrete	Min. 2-inch GenFlex Coated Glass Facer	Note 2	1 per 1.0 ft ²	Min. 1.5-inch GenFlex Coated Glass Facer	I.S.O. FIX II, G-OSIA, I.S.O. Stick, 6-in o.c.	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-120.0
SC-36.	Min. 22 ga., type B, Grade 80 steel; 6' spans; two (2) #12 HWH Tek 5 screws 6" o.c. or min. 2,500 psi structural concrete	Min. 2-inch GenFlex ISO	Note 2	1 per 1.0 ft ²	Min. 1-inch GenFlex ISO	I.S.O. FIX II, G-OSIA, I.S.O. Stick, 4-inch o.c.	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-127.5
MEMBRANE IN GENFLEX EPDM BONDING ADHESIVE LVOC-1168:									
SC-37.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch GenFlex ISO	Note 2	1 per 2.0 ft ²	Min. 1.5-inch GenFlex ISO	I.S.O. FIX II, G-OSIA, I.S.O. Stick	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-45.0*
SC-38.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2.25-inch GenFlex ISO	Note 2	1 per 4.0 ft ²	Min. 1.5-inch GenFlex ISO	I.S.O. FIX II, G-OSIA, I.S.O. Stick	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-45.0*
SC-39.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch GenFlex ISO	Note 2	1 per 2.0 ft ²	Min. 0.25-inch Dens Deck Prime or SECUROCK Gypsum Fiber Roof Board	G-OSIA or I.S.O. Stick	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-45.0*
SC-40.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch GenFlex ISO	Note 2	1 per 2.0 ft ²	Min. 0.5-inch GenFlex HD ISO	G-OSIA, I.S.O. Stick	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-45.0*
SC-41.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch GenFlex ISO	Note 2	1 per 2.7 ft ²	Min. 1.5-inch GenFlex HD ISO Composite	I.S.O. FIX II, G-OSIA, I.S.O. Stick	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-45.0*
SC-42.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2-inch GenFlex ISO	Note 2	1 per 4.0 ft ²	Min. 1.5-inch GenFlex HD ISO Composite	I.S.O. FIX II, G-OSIA, I.S.O. Stick	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-45.0*
SC-43.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 0.5-inch Dens Deck Prime	Note 2	1 per 4.0 ft ²	Min. 1.5-inch GenFlex Coated Glass Facer followed by optional min. 0.5-inch GenFlex Coated Glass Facer	I.S.O. FIX II, G-OSIA, I.S.O. Stick	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-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

Sys No.	Deck (Note 1)	Base Insulation Layer			Top Insulation Layer		Roof Cover (Note 15)		MDP (psf)
		Type	Fastener (Note 11)	Attach	Type	Attach (Notes 6,7,8)	Type	Attach	
SC-44.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch GenFlex Coated Glass Facer	Note 2	1 per 2.0 ft ²	Min. 0.5-inch GenFlex Coated Glass Facer	I.S.O. FIX II, G-OSIA, I.S.O. Stick	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC- 1168	-45.0*
SC-45.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch GenFlex Coated Glass Facer	Note 2	1 per 2.7 ft ²	Min. 1.5-inch GenFlex Coated Glass Facer	I.S.O. FIX II, G-OSIA, I.S.O. Stick	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC- 1168	-45.0*
SC-46.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2-inch GenFlex Coated Glass Facer	Note 2	1 per 4.0 ft ²	Min. 0.5-inch GenFlex Coated Glass Facer	I.S.O. FIX II, G-OSIA, I.S.O. Stick	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC- 1168	-45.0*
SC-47.	Min. 22 ga., type B, Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	Min. 1.5-inch GenFlex ISO	Note 2	1 per 1.6 ft ²	Min. 0.5-inch Dens Deck Prime	I.S.O. FIX II, G-OSIA, I.S.O. Stick, 6-inch o.c.	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC- 1168	-60.0
SC-48.	Min. 22 ga., type B, Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	Min. 1.5-inch GenFlex ISO	Note 2	1 per 1.6 ft ²	Min. 1.5-inch GenFlex ISO	G-OSIA	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC- 1168	-75.0
SC-49.	Min. 22 ga., type B, Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	Min. 1.5-inch GenFlex Coated Glass Facer	Note 2	1 per 1.6 ft ²	Min. 1.5-inch GenFlex Coated Glass Facer	I.S.O. FIX II, G-OSIA, I.S.O. Stick	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC- 1168	-75.0
SC-50.	Min. 22 ga., type B, Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c.	Min. 2-inch GenFlex ISO	Note 2	1 per 1.0 ft ²	Min. 1-inch GenFlex ISO	I.S.O. FIX II, G-OSIA, I.S.O. Stick, 4-inch o.c.	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC- 1168	-112.5
SC-51.	Min. 22 ga., type B, Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	Min. 2-inch GenFlex ISO	Note 2	1 per 1.0 ft ²	Min. 0.5-inch Dens Deck Prime	I.S.O. FIX II, G-OSIA, I.S.O. Stick, 4-inch o.c.	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC- 1168	-112.5
SC-52.	Min. 22 ga., type B, Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c.	Min. 2-inch GenFlex ISO	Note 2	1 per 1.0 ft ²	Min. 0.5-inch GenFlex HD ISO	I.S.O. FIX II, G-OSIA, I.S.O. Stick, 4-inch o.c.	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC- 1168	-112.5
SC-53.	Min. 22 ga., type B, Grade 80 steel; 6' spans; two (2) #12 HWH Tek 5 screws 6" o.c. or min. 2,500 psi structural concrete	Min. 2-inch GenFlex ISO	Note 2	1 per 1.0 ft ²	Min. 1-inch GenFlex ISO	I.S.O. FIX II, G-OSIA, I.S.O. Stick, 4-inch o.c.	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC- 1168	-120.0

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

Sys No.	Deck (Note 1)	Base Insulation Layer			Top Insulation Layer		Roof Cover (Note 15)		MDP (psf)
		Type	Fastener (Note 11)	Attach	Type	Attach (Notes 6,7,8)	Type	Attach	
SC-54.	Min. 22 ga., type B, Grade 33 steel; 6' spans; two (2) #12 HWH Tek 5 screws 6" o.c. or min. 2,500 psi structural concrete	Min. 2-inch GenFlex Coated Glass Facer	Note 2	1 per 1.0 ft ²	Min. 1.5-inch GenFlex Coated Glass Facer	I.S.O. FIX II, G-OSIA, I.S.O. Stick, 6-in o.c.	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC- 1168	-120.0
SC-55.	Min. 22 ga., type B, Grade 80 steel; 6' spans; two (2) #12 HWH Tek 5 screws 6" o.c. or min. 2,500 psi structural concrete	Min. 2-inch GenFlex ISO	Note 2	1 per 1.0 ft ²	Min. 0.5-inch GenFlex HD ISO	I.S.O. FIX II, G-OSIA, I.S.O. Stick, 4-inch o.c.	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC- 1168	-135.0
MEMBRANE IN WATER BASED BONDING ADHESIVE P:									
SC-56.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch GenFlex ISO	Note 2	1 per 2.0 ft ²	Min. 1.5-inch GenFlex ISO	I.S.O. FIX II, G-OSIA, I.S.O. Stick	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	WBBA P	-45.0*
SC-57.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch GenFlex ISO	Note 2	1 per 2.0 ft ²	Min. 0.5-inch GenFlex HD ISO	G-OSIA, I.S.O. Stick	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	WBBA P	-45.0*
SC-58.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch GenFlex ISO	Note 2	1 per 2.7 ft ²	Min. 1.5-inch GenFlex HD ISO Composite	I.S.O. FIX II, G-OSIA, I.S.O. Stick	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	WBBA P	-45.0*
SC-59.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2-inch GenFlex ISO	Note 2	1 per 4.0 ft ²	Min. 1.5-inch GenFlex HD ISO Composite	I.S.O. FIX II, G-OSIA, I.S.O. Stick	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	WBBA P	-45.0*
SC-60.	Min. 22 ga., type B, Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	Min. 1.5-inch GenFlex Coated Glass Facer	Note 2	1 per 1.6 ft ²	Min. 1.5-inch GenFlex Coated Glass Facer	I.S.O. FIX II, G-OSIA, I.S.O. Stick	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	WBBA P	-75.0
SC-61.	Min. 22 ga., type B, Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	Min. 2-inch GenFlex ISO	Note 2	1 per 1.0 ft ²	Min. 1-inch GenFlex ISO	I.S.O. FIX II, G-OSIA, I.S.O. Stick, 4-inch o.c.	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	WBBA P	-105.0
SC-62.	Min. 22 ga., type B, Grade 33 steel; 6' spans; two (2) #12 HWH Tek 5 screws 6" o.c. or min. 2,500 psi structural concrete	Min. 2-inch GenFlex Coated Glass Facer	Note 2	1 per 1.0 ft ²	Min. 1.5-inch GenFlex Coated Glass Facer	I.S.O. FIX II, G-OSIA, I.S.O. Stick, 6-in o.c.	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	WBBA P	-120.0

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

System No.	Deck (Note 1)	Base Insulation Layer			Vapor Barrier / Temp Roof	Insulation		Roof Cover (Note 15)		MDP (psf)
		Type	Fasten (Note 11)	Attach		Type	Attach (Notes 6,7,8)	Type	Attach	
SC-63.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 0.25-inch Dens Deck or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 4.0 ft ²	GenFlex SA-Solvent Based (SB) Primer; GenFlex Vapor Shield Membrane, self-adhered	One or more layers min. 1.5-inch GenFlex ISO, optional min. 0.5-inch Tapered GenFlex ISO	I.S.O. Stick	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA, BA-LVOC, LVOC BA-1168 or WBBA-P	-45.0*
SC-64.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 0.25-inch Dens Deck or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 4.0 ft ²	GenFlex SA-Solvent Based (SB) Primer; GenFlex Vapor Shield Membrane, self-adhered	One or more layers min. 1.5-inch GenFlex ISO, optional min. 0.5-inch Tapered GenFlex ISO; Min. 0.5-inch GenFlex HD ISO or Min. 0.25-inch Dens Deck Prime or SECUROCK Gypsum-Fiber Roof Board; or Min. 19/32-inch plywood	I.S.O. Stick	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA, BA-LVOC, LVOC BA-1168 or WBBA-P	-45.0*
SC-65.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 5/8-inch Dens Deck Prime	Note 2	1 per 2.0 ft ²	GenFlex SA Primer; Firestone BASEGARD SA, self-adhered	One or more layers min. 1-inch GenFlex ISO or GenFlex Coated Glass Facer, optional min. 0.5-inch GenFlex HD ISO or min. 0.25-inch Dens Deck Prime or SECUROCK Gypsum Fiber Roof Board	G-OSIA	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA, BA-LVOC, BA-LVOC-1168 or WBBA P	-45.0*

TABLE 2C: 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	Type	Attach	
MEMBRANE IN GENFLEX EPDM BONDING ADHESIVE EPDM-BA:								
SC-66.	Min. 22 ga. Grade 33 steel or min. 2,500 psi structural concrete	(Optional for Recover) Min. 1.5-inch thick, one or more layers, any combination, loose laid	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 2.0 ft²	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-45.0*
SC-67.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 1.25-inch GenFlex ISO	Note 2	1 per 2.7 ft²	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-45.0*
SC-68.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional) Min. 1-inch thick, one or more layers, any combination, loose laid	Min. 2-inch GenFlex ISO, max. 48 x 48 inch	Note 2	1 per 4.0 ft²	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-45.0*
SC-69.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional for Recover) Min. 1.5-inch thick, one or more layers, any combination, loose laid	Min.0.25-inch Dens Deck Prime	Note 2	1 per 1.8 ft²	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-45.0*

TABLE 2C: 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	Type	Attach	
SC-70.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional for Recover) Min. 1.5-inch thick, one or more layers, any combination, loose laid	Min. 0.5-inch GenFlex HD ISO	Note 2	1 per 2.7 ft ²	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-45.0*
SC-71.	Min. 22 ga. Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch GenFlex HailGard	Note 2	1 per 2.0 ft ²	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-45.0*
SC-72.	Min. 22 ga. Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 1-inch GenFlex Coated Glass Facer	Note 2	1 per 2.0 ft ²	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-45.0*
SC-73.	Min. 22 ga. Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch GenFlex Coated Glass Facer	Note 2	1 per 2.7 ft ²	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-45.0*
SC-74.	Min. 22 ga. Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 2-inch GenFlex Coated Glass Facer	Note 2	1 per 4.0 ft ²	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-45.0*
SC-75.	Min. 22 ga., type B, Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 2-inch GenFlex ISO	Note 2	1 per 2.7 ft ²	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-45.0
SC-76.	Min. 20 ga., type B, Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 2-inch GenFlex ISO	Note 2	1 per 2.0 ft ²	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-67.5
SC-77.	Min. 22 ga. Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	(Optional for Recover) Min. 1.5-inch thick, one or more layers, any combination, loose laid	19/32-inch plywood	Note 2	1 per 2.0 ft ²	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-75.0
SC-78.	Min. 22 ga. Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination, loose laid	1.5-inch GenFlex HailGard	Note 2	1 per 2.0 ft ²	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-75.0
SC-79.	Min. 22 ga. Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	(Optional for Recover) Min. 1.5-inch thick, one or more layers, any combination, loose laid	Min. 0.5-inch Dens Deck Prime	Note 2	1 per 1.3 ft ²	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-75.0

TABLE 2C: 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	Type	Attach	
SC-80.	Min. 22 ga. Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	(Optional) Min. 1.5-inch thick, one or more layers, any combination, loose laid	Min. 1.5-inch GenFlex Coated Glass Facer	Note 2	1 per 1.6 ft ²	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-75.0
SC-81.	Min. 22 ga. Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	(Optional for Recover) Min. 1.5-inch thick, one or more layers, any combination, loose laid	Min. 5/8-inch SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 1.6 ft ²	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-82.5
SC-82.	Min. 22 ga. Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	(Optional) Min. 1.5-inch thick, one or more layers, any combination, loose laid	Min. 1.5-inch GenFlex ISO	Note 2	1 per 1.3 ft ²	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-82.5
SC-83.	Min. 22 ga. Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	(Optional) Min. 1.5-inch thick, one or more layers, any combination, loose laid	Min. 2-inch GenFlex ISO	Note 2	1 per 1.6 ft ²	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-82.5
SC-84.	Min. 22 ga. Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	(Optional) Min. 1.5-inch thick, one or more layers, any combination, loose laid	Min. 2-inch GenFlex Coated Glass Facer	Note 2	1 per 1.6 ft ²	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-82.5
SC-85.	Min. 22 ga. Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	(Optional for Recover) Min. 1.5-inch thick, one or more layers, any combination, loose laid	Min. 0.5-inch Dens Deck Prime	Note 2	1 per 1.0 ft ²	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-105.0
SC-86.	Min. 22 ga. Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	(Optional) Min. 1.5-inch thick, one or more layers, any combination, loose laid	Min. 2-inch GenFlex Coated Glass Facer	Note 2	1 per 1.3 ft ²	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-105.0
SC-87.	Min. 22 ga. Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	(Optional) Min. 1.5-inch thick, one or more layers, any combination, loose laid	Min. 2-inch GenFlex ISO	Note 2	1 per 1.0 ft ²	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-112.5
SC-88.	Min. 22 ga. Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	(Optional) Min. 1.5-inch thick, one or more layers, any combination, loose laid	Min. 2-inch GenFlex Coated Glass Facer	Note 2	1 per 1.0 ft ²	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-112.5

TABLE 2C: 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	Type	Attach	
SC-89.	Min. 22 ga. Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	(Optional for Recover) Min. 1.5-inch thick, one or more layers, any combination, loose laid	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 1.0 ft ²	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-112.5
SC-90.	Min. 22 ga. Grade 80 steel; 6' spans; two (2) #12 HWH Tek 5 screws 6" o.c. or min. 2,500 psi structural concrete	(Optional) Min. 1.5-inch thick, one or more layers, any combination, loose laid	Min. 2-inch GenFlex ISO	Note 2	1 per 1.0 ft ²	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-150.0
SC-91.	Min. 22 ga. Grade 80 steel; 6' spans; two (2) #12 HWH Tek 5 screws 6" o.c. or min. 2,500 psi structural concrete	(Optional) Min. 1.5-inch thick, one or more layers, any combination, loose laid	Min. 2-inch GenFlex Coated Glass Facer	Note 2	1 per 1.0 ft ²	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-150.0
SC-92.	Min. 22 ga. Grade 33 steel; 6' spans; two (2) #12 HWH Tek 5 screws 6" o.c. or min. 2,500 psi structural concrete	(Optional for Recover) Min. 1.5-inch thick, one or more layers, any combination, loose laid	19/32-inch plywood	Note 2 (HD only for steel)	1 per 1.0 ft ²	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-180.0
SC-93.	Min. 22 ga. Grade 33 steel; 6' spans; two (2) #12 HWH Tek 5 screws 6" o.c. or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination, loose laid	1.5-inch GenFlex HailGard	Note 2 (HD only for steel)	1 per 1.0 ft ²	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-180.0
MEMBRANE IN GENFLEX EPDM BONDING ADHESIVE LVOC:								
SC-94.	Min. 22 ga. Grade 33 steel or min. 2,500 psi structural concrete	(Optional for Recover) Min. 1.5-inch thick, one or more layers, any combination, loose laid	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 2.0 ft ²	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-45.0*
SC-95.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 1.25-inch GenFlex ISO	Note 2	1 per 2.7 ft ²	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-45.0*
SC-96.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional) Min. 1-inch thick, one or more layers, any combination, loose laid	Min. 2-inch GenFlex ISO, max. 48 x 48 inch	Note 2	1 per 4.0 ft ²	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-45.0*
SC-97.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional for Recover) Min. 1.5-inch thick, one or more layers, any combination, loose laid	Min. 0.25-inch Dens Deck Prime	Note 2	1 per 1.8 ft ²	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-45.0*
SC-98.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional for Recover) Min. 1.5-inch thick, one or more layers, any combination, loose laid	Min. 0.5-inch GenFlex HD ISO	Note 2	1 per 2.7 ft ²	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-45.0*

TABLE 2C: 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	Type	Attach	
SC-99.	Min. 22 ga. Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch GenFlex HailGard	Note 2	1 per 2.0 ft ²	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-45.0*
SC-100.	Min. 22 ga. Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 1-inch GenFlex Coated Glass Facer	Note 2	1 per 2.0 ft ²	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-45.0*
SC-101.	Min. 22 ga. Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch GenFlex Coated Glass Facer	Note 2	1 per 2.7 ft ²	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-45.0*
SC-102.	Min. 22 ga. Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 2-inch GenFlex Coated Glass Facer	Note 2	1 per 4.0 ft ²	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-45.0*
SC-103.	Min. 22 ga., type B, Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 2-inch GenFlex ISO	Note 2	1 per 2.7 ft ²	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-45.0
SC-104.	Min. 20 ga., type B, Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 2-inch GenFlex ISO	Note 2	1 per 2.0 ft ²	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-67.5
SC-105.	Min. 22 ga. Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	(Optional for Recover) Min. 1.5-inch thick, one or more layers, any combination, loose laid	19/32-inch plywood	Note 2	1 per 2.0 ft ²	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-75.0
SC-106.	Min. 22 ga. Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination, loose laid	1.5-inch GenFlex HailGard	Note 2	1 per 2.0 ft ²	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-75.0
SC-107.	Min. 22 ga. Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	(Optional for Recover) Min. 1.5-inch thick, one or more layers, any combination, loose laid	Min. 0.5-inch Dens Deck Prime	Note 2	1 per 1.3 ft ²	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-75.0
SC-108.	Min. 22 ga. Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	(Optional) Min. 1.5-inch thick, one or more layers, any combination, loose laid	Min. 1.5-inch GenFlex Coated Glass Facer	Note 2	1 per 1.6 ft ²	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-75.0

TABLE 2C: 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	Type	Attach	
SC-109.	Min. 22 ga. Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	(Optional for Recover) Min. 1.5-inch thick, one or more layers, any combination, loose laid	Min. 5/8-inch SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 1.6 ft ²	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-82.5
SC-110.	Min. 22 ga. Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	(Optional) Min. 1.5-inch thick, one or more layers, any combination, loose laid	Min. 1.5-inch GenFlex ISO	Note 2	1 per 1.3 ft ²	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-82.5
SC-111.	Min. 22 ga. Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	(Optional) Min. 1.5-inch thick, one or more layers, any combination, loose laid	Min. 2-inch GenFlex ISO	Note 2	1 per 1.6 ft ²	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-82.5
SC-112.	Min. 22 ga. Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	(Optional) Min. 1.5-inch thick, one or more layers, any combination, loose laid	Min. 2-inch GenFlex Coated Glass Facer	Note 2	1 per 1.6 ft ²	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-82.5
SC-113.	Min. 22 ga. Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	(Optional for Recover) Min. 1.5-inch thick, one or more layers, any combination, loose laid	Min. 0.5-inch Dens Deck Prime	Note 2	1 per 1.0 ft ²	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-105.0
SC-114.	Min. 22 ga. Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	(Optional) Min. 1.5-inch thick, one or more layers, any combination, loose laid	Min. 2-inch GenFlex Coated Glass Facer	Note 2	1 per 1.3 ft ²	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-105.0
SC-115.	Min. 22 ga. Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	(Optional) Min. 1.5-inch thick, one or more layers, any combination, loose laid	Min. 2-inch GenFlex ISO	Note 2	1 per 1.0 ft ²	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-112.5
SC-116.	Min. 22 ga. Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	(Optional) Min. 1.5-inch thick, one or more layers, any combination, loose laid	Min. 2-inch GenFlex Coated Glass Facer	Note 2	1 per 1.0 ft ²	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-112.5
SC-117.	Min. 22 ga. Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	(Optional for Recover) Min. 1.5-inch thick, one or more layers, any combination, loose laid	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 1.0 ft ²	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-112.5

TABLE 2C: 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	Type	Attach	
SC-118.	Min. 22 ga. Grade 33 steel; 6' spans; two (2) #12 HWH Tek 5 screws 6" o.c. or min. 2,500 psi structural concrete	(Optional for Recover) Min. 1.5-inch thick, one or more layers, any combination, loose laid	19/32-inch plywood	Note 2	1 per 1.0 ft ²	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-142.5
SC-119.	Min. 22 ga. Grade 33 steel; 6' spans; two (2) #12 HWH Tek 5 screws 6" o.c. or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination, loose laid	1.5-inch GenFlex HailGard	Note 2	1 per 1.0 ft ²	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-142.5
SC-120.	Min. 22 ga. Grade 80 steel; 6' spans; two (2) #12 HWH Tek 5 screws 6" o.c. or min. 2,500 psi structural concrete	(Optional) Min. 1.5-inch thick, one or more layers, any combination, loose laid	Min. 2-inch GenFlex ISO	Note 2	1 per 1.0 ft ²	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-150.0
SC-121.	Min. 22 ga. Grade 80 steel; 6' spans; two (2) #12 HWH Tek 5 screws 6" o.c. or min. 2,500 psi structural concrete	(Optional) Min. 1.5-inch thick, one or more layers, any combination, loose laid	Min. 2-inch GenFlex Coated Glass Facer	Note 2	1 per 1.0 ft ²	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-150.0
MEMBRANE IN GENFLEX EPDM BONDING ADHESIVE LVOC-1168:								
SC-122.	Min. 22 ga. Grade 33 steel or min. 2,500 psi structural concrete	(Optional for Recover) Min. 1.5-inch thick, one or more layers, any combination, loose laid	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 2.0 ft ²	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-45.0*
SC-123.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 1.25-inch GenFlex ISO	Note 2	1 per 2.7 ft ²	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-45.0*
SC-124.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional) Min. 1-inch thick, one or more layers, any combination, loose laid	Min. 2-inch GenFlex ISO, max. 48 x 48 inch	Note 2	1 per 4.0 ft ²	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-45.0*
SC-125.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional for Recover) Min. 1.5-inch thick, one or more layers, any combination, loose laid	Min. 0.25-inch Dens Deck Prime	Note 2	1 per 1.8 ft ²	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-45.0*
SC-126.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional for Recover) Min. 1.5-inch thick, one or more layers, any combination, loose laid	Min. 0.5-inch GenFlex HD ISO	Note 2	1 per 2.7 ft ²	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-45.0*
SC-127.	Min. 22 ga. Grade 33 steel or min. 2,500 psi structural concrete	(Optional for Recover) Min. 1.5-inch thick, one or more layers, any combination, loose laid	19/32-inch plywood	Note 2	1 per 2.0 ft ²	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-45.0*

TABLE 2C: 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	Type	Attach	
SC-128.	Min. 22 ga. Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch GenFlex HailGard	Note 2	1 per 2.0 ft ²	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-45.0*
SC-129.	Min. 22 ga. Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 1-inch GenFlex Coated Glass Facer	Note 2	1 per 2.0 ft ²	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-45.0*
SC-130.	Min. 22 ga. Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch GenFlex Coated Glass Facer	Note 2	1 per 2.7 ft ²	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-45.0*
SC-131.	Min. 22 ga. Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 2-inch GenFlex Coated Glass Facer	Note 2	1 per 4.0 ft ²	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-45.0*
SC-132.	Min. 22 ga., type B, Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 2-inch GenFlex ISO	Note 2	1 per 2.7 ft ²	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-45.0
SC-133.	Min. 22 ga. Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination, loose laid	1.5-inch GenFlex HailGard	Note 2	1 per 2.0 ft ²	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-75.0
SC-134.	Min. 22 ga. Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	(Optional for Recover) Min. 1.5-inch thick, one or more layers, any combination, loose laid	Min. 0.5-inch Dens Deck Prime	Note 2	1 per 1.3 ft ²	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-75.0
SC-135.	Min. 22 ga. Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	(Optional) Min. 1.5-inch thick, one or more layers, any combination, loose laid	Min. 1.5-inch GenFlex Coated Glass Facer	Note 2	1 per 1.6 ft ²	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-75.0
SC-136.	Min. 22 ga. Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	(Optional) Min. 1.5-inch thick, one or more layers, any combination, loose laid	Min. 1.5-inch GenFlex ISO	Note 2	1 per 1.3 ft ²	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-82.5
SC-137.	Min. 22 ga. Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	(Optional) Min. 1.5-inch thick, one or more layers, any combination, loose laid	Min. 2-inch GenFlex ISO	Note 2	1 per 1.6 ft ²	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-82.5

TABLE 2C: 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	Type	Attach	
SC-138.	Min. 22 ga. Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	(Optional) Min. 1.5-inch thick, one or more layers, any combination, loose laid	Min. 2-inch GenFlex Coated Glass Facer	Note 2	1 per 1.6 ft ²	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-82.5
SC-139.	Min. 22 ga. Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	(Optional for Recover) Min. 1.5-inch thick, one or more layers, any combination, loose laid	Min. 0.5-inch Dens Deck Prime	Note 2	1 per 1.0 ft ²	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-105.0
SC-140.	Min. 22 ga. Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	(Optional) Min. 1.5-inch thick, one or more layers, any combination, loose laid	Min. 2-inch GenFlex Coated Glass Facer	Note 2	1 per 1.3 ft ²	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-105.0
SC-141.	Min. 22 ga. Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	(Optional) Min. 1.5-inch thick, one or more layers, any combination, loose laid	Min. 2-inch GenFlex ISO	Note 2	1 per 1.0 ft ²	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-112.5
SC-142.	Min. 22 ga. Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	(Optional) Min. 1.5-inch thick, one or more layers, any combination, loose laid	Min. 2-inch GenFlex ISO	Note 2	1 per 1.0 ft ²	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-112.5
SC-143.	Min. 22 ga. Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	(Optional) Min. 1.5-inch thick, one or more layers, any combination, loose laid	Min. 2-inch GenFlex Coated Glass Facer	Note 2	1 per 1.0 ft ²	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-112.5
SC-144.	Min. 22 ga. Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	(Optional for Recover) Min. 1.5-inch thick, one or more layers, any combination, loose laid	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 1.0 ft ²	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-112.5
SC-145.	Min. 22 ga. Grade 80 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	(Optional) Min. 1.5-inch thick, one or more layers, any combination, loose laid	Min. 2-inch GenFlex ISO	Note 2	1 per 1.0 ft ²	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-120.0
SC-146.	Min. 22 ga. Grade 33 steel; 6' spans; two (2) #12 HWH Tek 5 screws 6" o.c. or min. 2,500 psi structural concrete	(Optional for Recover) Min. 1.5-inch thick, one or more layers, any combination, loose laid	19/32-inch plywood	Note 2 (HD only for steel)	1 per 1.0 ft ²	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-142.5

TABLE 2C: 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	Type	Attach	
SC-147.	Min. 22 ga. Grade 33 steel; 6' spans; two (2) #12 HWH Tek 5 screws 6" o.c. or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination, loose laid	1.5-inch GenFlex HailGard	Note 2 (HD only for steel)	1 per 1.0 ft ²	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-142.5
SC-148.	Min. 22 ga. Grade 80 steel; 6' spans; two (2) #12 HWH Tek 5 screws 6" o.c. or min. 2,500 psi structural concrete	(Optional) Min. 1.5-inch thick, one or more layers, any combination, loose laid	Min. 2-inch GenFlex Coated Glass Facer	Note 2	1 per 1.0 ft ²	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-142.5
MEMBRANE IN WATER BASED BONDING ADHESIVE P:								
SC-149.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 1.25-inch GenFlex ISO	Note 2	1 per 2.7 ft ²	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	WBBA P	-45.0*
SC-150.	Min. 22 ga. Grade 33 steel or min. 2,500 psi structural concrete	(Optional for Recover) Min. 1.5-inch thick, one or more layers, any combination, loose laid	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 2.0 ft ²	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	WBBA P	-45.0*
SC-151.	Min. 22 ga. Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	(Optional for Recover) Min. 1.5-inch thick, one or more layers, any combination, loose laid	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 1.0 ft ²	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	WBBA P	-112.5

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

System No.	Deck (Note 1)	Insulation (Note 13)		Roof Cover			MDP (psf)
		Type	Attachment	Membrane	Fasteners (Note 11)	Attachment	
SC-152.	Min. 22 ga, type B, Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	Min. 1.5-inch thick, one or more layers, any combination	Preliminarily attached	GenFlex II FRM or II FRM-FR	GenFast AP Fasteners (steel only) or GenFast HD Fasteners or GenFast Concrete Drive (concrete only) with GenFast Venting Seam Plates	6-inch o.c. within 7-inch wide laps spaced 84-inch o.c.	-52.5
SC-153.	Min. 22 ga., type B, Grade 80 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	Min. 1.5-inch thick, one or more layers, any combination	Preliminarily attached	Min. 0.060 inch GenFlex II FRM or II FRM-FR	GenFast AP Fasteners (steel only) or GenFast HD Fasteners or GenFast Concrete Drive (concrete only) with GenFast Venting Seam Plates	6-inch o.c. within 6-inch wide laps spaced 114-inch o.c.	-52.5

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

System No.	Deck (Note 1)	Insulation (Note 13)		Roof Cover			MDP (psf)
		Type	Attach	Membrane	Fasteners (Note 11)	Attachment	
SC-154.	Min. 22 ga, type B, Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	Min. 1.5-inch thick, one or more layers, any combination	Prelim, attach	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT or FRM-FR	GenFast AP Fasteners (steel only) or GenFast HD Fasteners or GenFast Concrete Drive (concrete only) with GenFlex Bar Anchor	Fasteners 6-inch o.c. through batten within 7-inch wide laps spaced 72-inch o.c.	-45.0
SC-155.	Min. 22 ga., type B, Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	Min. 1.5-inch thick, one or more layers, any combination	Prelim, attach	GenFlex II FRM, II FRM PT or II FRM-FR	GenFast HD Fasteners or GenFast Concrete Drive (concrete only) with GenFast Polymer Batten Strip	Fasteners 12-inch o.c. through batten within 6-inch wide laps spaced 84-inch o.c.	-52.5
SC-156.	Min. 22 ga., type B, Grade 80 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	Min. 1.5-inch thick, one or more layers, any combination	Prelim, attach	GenFlex II FRM or II FRM-FR	GenFast AP Fasteners (steel only) or GenFast HD Fasteners or GenFast Concrete Drive (concrete only) with GenFast Polymer Batten Strip	Fasteners 6-inch o.c. through batten within 6-inch wide laps spaced 115-inch o.c.	-52.5
SC-157.	Min. 22 ga., type B, Grade 80 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	Min. 1.5-inch thick, one or more layers, any combination	Prelim, attach	GenFlex II FRM or II FRM-FR	GenFast HD Plus Fasteners or GenFast Concrete Drive (concrete only) with GenFast Polymer Batten Strip	Fasteners 12-inch o.c. through batten in field of the roof spaced 114-inch o.c. Screw heads topped with fastener sealer. Batten strips sealed with 6-inch cover-strip.	-60.0
SC-158.	Min. 22 ga., type B, Grade 80 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	Min. 1.5-inch thick, one or more layers, any combination	Prelim, attach	GenFlex II FRM or II FRM-FR	GenFast HD Plus Fasteners or GenFast Concrete Drive (concrete only) with GenFast Polymer Batten Strip	Fasteners 12-inch o.c. through batten within 6-inch wide laps spaced 114-inch o.c.	-60.0
SC-159.	Min. 22 ga., type B, Grade 80 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	Min. 1.5-inch thick, one or more layers, any combination	Prelim, attach	GenFlex II FRM or II FRM-FR	GenFast HD Fasteners with GenFlex Bar Anchor	Fasteners 12-inch o.c. through batten within 7-inch wide laps spaced 114-inch o.c. and applied in two equally spaced rows in field of the roof cover centered between and parallel with the laps, resulting in battens spaced 38-inch o.c. Field batten strips sealed with 6-inch cover-strip	-82.5
SC-160.	Min. 22 ga., type B, Grade 80 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	Min. 1.5-inch thick, one or more layers, any combination	Prelim, attach	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT or FRM-FR	TruFast HD Fasteners with TruFast BB-18 Batten Bar	Fasteners 6-inch o.c. through batten in field of the roof spaced 24-inch o.c. Screw heads topped with fastener sealer. Batten strips sealed with 6-inch cover-strip.	-82.5

TABLE 2F: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE D-1: INSULATED, MECHANICALLY ATTACHED ROOF COVER (RMA STRIPS)

System No.	Deck (Note 1)	Insulation (Note 13)		Roof Cover			MDP (psf)
		Type	Attach	Membrane	Fasteners (Note 11)	Attachment	
SC-161.	Min. 22 ga., type B, Grade 80 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	Min. 1.5-inch thick, one or more layers, any combination	Prelim attach	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT or FRM-FR	GenFast AP Fasteners (steel only) or GenFast HD Fasteners with GenFast Polymer Batten Strip	GenFlex Peel & Stick R.M.A. strips are applied over the insulation spaced 114-inch o.c. The batten is centered over each strip and fastened 6-inch o.c. Roof cover adhered to each strip by first priming with GenPrime at the strip location, then rolling into place with a hand roller.	-45.0
SC-162.	Min. 22 ga, type B, Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	Min. 1.5-inch thick, one or more layers, any combination	Prelim attach	GenFlex II FRM, II FRM PT or II FRM-FR	GenFast HD Fasteners with GenFast Polymer Batten Strip	GenFlex Peel & Stick R.M.A. strips are applied over the insulation spaced 120-inch o.c. The batten is centered over each strip and fastened 6-inch o.c. Roof cover adhered to each strip by first priming with GenPrime at the strip location, then rolling into place with a hand roller.	-52.5

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)	Primer	Base Insulation Layer		Top Insulation Layer		Roof Cover (Note 15)		MDP (psf)
			Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Type	Attach	
MEMBRANE IN GENFLEX EPDM BONDING ADHESIVE EPDM-BA:									
C-1	Min. 2,500 psi structural concrete	ASTM D41	Min. 1.5-inch GenFlex ISO with optional Tapered GenFlex ISO	Hot asphalt	Min. 1-inch Firestone “FiberTop B”	Hot asphalt	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-97.5*
C-2	Min. 2,500 psi structural concrete	ASTM D41	(Optional) Min. 1.5-inch GenFlex ISO	Hot asphalt	Min. 0.25-inch Dens Deck Prime	Hot asphalt	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-112.5*
C-3	Min. 2,500 psi structural concrete	ASTM D41	Min. 1.5-inch GenFlex ISO with optional Tapered GenFlex ISO	Hot asphalt	Min. 0.25-inch Dens Deck	Hot asphalt	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-165.0*
C-4	Min. 2,500 psi structural concrete	ASTM D41	Min. 1.5-inch GenFlex ISO	Hot asphalt	(Optional) Tapered GenFlex ISO	Hot asphalt	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-195.0*
C-5	Min. 2,500 psi structural concrete	ASTM D41	Min. 1.5-inch GenFlex ISO	Hot asphalt	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	Hot asphalt	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-247.5*
C-6	Min. 2,500 psi structural concrete	ASTM D41	Min. 1.5-inch GenFlex ISO	Hot asphalt	(Optional) Min. 0.25-inch Dens Deck	Hot asphalt	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-390.0*
C-7	Min. 2,500 psi structural concrete	ASTM D41	Min. 0.25-inch Dens Deck or SECUROCK Gypsum Fiber Roof Board	Hot asphalt	None	N/A	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-420.0*
C-8	Min. 2,500 psi structural concrete	ASTM D41	Min. 1.5-inch GenFlex Coated Glass Facer	Hot asphalt	(Optional) additional layers base insulation	Hot asphalt	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-360.0*
C-9	Min. 2,500 psi structural concrete	None	Min. 1.5-inch GenFlex ISO	I.S.O. FIX II	Optional additional layers of base insulation; min. 1-inch GenFlex ISO	I.S.O. FIX II	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-247.5*
C-10	Min. 2,500 psi structural concrete	None	Min. 1.5-inch GenFlex ISO	I.S.O. FIX II	Min. 0.5-inch GenFlex HD ISO	I.S.O. FIX II	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-277.5*
C-11	Min. 2,500 psi structural concrete	None	Min. 1.5-inch GenFlex Coated Glass Facer	I.S.O. FIX II, 6-inch o.c.	Min. 0.5-inch GenFlex HD ISO	I.S.O. FIX II, 6-inch o.c.	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-360.0*
C-12	Min. 2,500 psi structural concrete	None	Min. 1-inch GenFlex Coated Glass Facer	I.S.O. FIX II	(Optional) Additional layers of base insulation	I.S.O. FIX II	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-360.0*
C-13	Min. 2,500 psi structural concrete	None	Min. 1.5-inch GenFlex ISO	G-OSIA	(Optional) Min. 0.25-inch Dens Deck	G-OSIA	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-157.5*
C-14	Min. 2,500 psi structural concrete	None	Min. 1.5-inch GenFlex ISO	G-OSIA	Optional additional layer(s) base insulation followed by 19/32-inch plywood	G-OSIA	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-157.5*

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)	Primer	Base Insulation Layer		Top Insulation Layer		Roof Cover (Note 15)		MDP (psf)
			Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Type	Attach	
C-15	Min. 2,500 psi structural concrete	None	Min. 1.5-inch GenFlex ISO	G-OSIA	Optional additional layers of base insulation; min. 1-inch GenFlex ISO	G-OSIA	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-247.5*
C-16	Min. 2,500 psi structural concrete	None	Min. 1.5-inch GenFlex ISO	G-OSIA	Min. 0.5-inch GenFlex HD ISO	G-OSIA	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-247.5*
C-17	Min. 2,500 psi structural concrete	None	Min. 1.5-inch GenFlex ISO	G-OSIA	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	G-OSIA	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-247.5*
C-18	Min. 2,500 psi structural concrete	None	Min. 0.5-inch GenFlex HD ISO	G-OSIA	None	N/A	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-300.0*
C-19	Min. 2,500 psi structural concrete	None	Min. 1.5-inch GenFlex Coated Glass Facer	G-OSIA, 6-inch o.c.	Min. 0.5-inch GenFlex HD ISO	G-OSIA, 6-inch o.c.	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-360.0*
C-20	Min. 2,500 psi structural concrete	None	Min. 1-inch GenFlex Coated Glass Facer	G-OSIA	(Optional) Additional layers of base insulation	G-OSIA	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-360.0*
C-21	Min. 2,500 psi structural concrete	None	Min. 1.5-inch GenFlex ISO	G-OSIA, full coverage	(Optional) Additional layers of base insulation or min. 0.25-inch Dens Deck or SECUROCK Gypsum Fiber Roof Board	G-OSIA, full coverage	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-390.0*
C-22	Min. 2,500 psi structural concrete	None	Min. 0.25-inch Dens Deck or SECUROCK Gypsum Fiber Roof Board	G-OSIA, full coverage	None	N/A	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-420.0*
C-23	Min. 2,500 psi structural concrete	None	Min. 1.5-inch GenFlex ISO	I.S.O. Stick	Min. 0.25-inch Dens Deck, Dens Deck Prime or SECUROCK Gypsum Fiber Roof Board	I.S.O. Stick	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-232.5*
C-24	Min. 2,500 psi structural concrete	None	Min. 1.5-inch GenFlex ISO	I.S.O. Stick	Optional additional layers of base insulation; min. 1-inch GenFlex ISO	I.S.O. Stick	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-247.5*
C-25	Min. 2,500 psi structural concrete	None	Min. 1.5-inch GenFlex ISO	I.S.O. Stick	Min. 19/32-inch plywood	I.S.O. Stick	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-247.5*
C-26	Min. 2,500 psi structural concrete	None	Min. 1.5-inch GenFlex ISO	I.S.O. Stick	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	I.S.O. Stick	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-247.5*
C-27	Min. 2,500 psi structural concrete	None	Min. 1.5-inch GenFlex ISO	I.S.O. Stick	(Optional) Additional layers of base insulation	I.S.O. Stick	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-270.0*
C-28	Min. 2,500 psi structural concrete	None	Min. 1.5-inch GenFlex ISO	I.S.O. Stick	Min. 0.5-inch GenFlex HD ISO	I.S.O. Stick	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-322.5*
C-29	Min. 2,500 psi structural concrete	None	Min. 0.5-inch GenFlex HD ISO	I.S.O. Stick, 4" o.c.	None	N/A	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT or FRM-FR	EPDM-BA	-360.0*

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)	Primer	Base Insulation Layer		Top Insulation Layer		Roof Cover (Note 15)		MDP (psf)
			Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Type	Attach	
C-30	Min. 2,500 psi structural concrete	None	Min. 1.5-inch GenFlex Coated Glass Facer	I.S.O. Stick, 6-inch o.c.	Min. 0.5-inch GenFlex HD ISO	I.S.O. Stick, 6-inch o.c.	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-360.0*
C-31	Min. 2,500 psi structural concrete	None	Min. 1-inch GenFlex Coated Glass Facer	I.S.O. Stick	(Optional) Additional layers of base insulation	I.S.O. Stick	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-360.0*
C-32	Min. 2,500 psi structural concrete	None	Min. 0.5-inch GenFlex HD ISO	I.S.O. Stick	None	N/A	GenFlex FlexWhite	EPDM-BA	-405.0*
C-33	Min. 2,500 psi structural concrete	None	Min. 0.25-inch Dens Deck or SECUROCK Gypsum-Fiber Roof Board	CR-20	None	N/A	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-245.0*
C-34	Min. 2,500 psi structural concrete	None	Min. 1.5-inch GenFlex ISO	CR-20	Min. 0.25-inch Dens Deck or SECUROCK Gypsum-Fiber Roof Board	CR-20	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-270.0*
C-35	Min. 2,500 psi structural concrete	None	Min. 1.5-inch GenFlex ISO	CR-20	(Optional) Additional layers of base insulation	CR-20	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-270.0*
MEMBRANE IN GENFLEX EPDM BONDING ADHESIVE LVOC:									
C-36	Min. 2,500 psi structural concrete	ASTM D41	Min. 1.5-inch GenFlex ISO with optional Tapered GenFlex ISO	Hot asphalt	Min. 1-inch Firestone "FiberTop B"	Hot asphalt	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-97.5*
C-37	Min. 2,500 psi structural concrete	ASTM D41	(Optional) Min. 1.5-inch GenFlex ISO	Hot asphalt	Min. 0.25-inch Dens Deck Prime	Hot asphalt	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-112.5*
C-38	Min. 2,500 psi structural concrete	ASTM D41	Min. 1.5-inch GenFlex ISO with optional Tapered GenFlex ISO	Hot asphalt	Min. 0.25-inch Dens Deck	Hot asphalt	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-165.0*
C-39	Min. 2,500 psi structural concrete	ASTM D41	Min. 1.5-inch GenFlex ISO	Hot asphalt	(Optional) Tapered GenFlex ISO	Hot asphalt	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-195.0*
C-40	Min. 2,500 psi structural concrete	ASTM D41	Min. 1.5-inch GenFlex ISO	Hot asphalt	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	Hot asphalt	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-247.5*
C-41	Min. 2,500 psi structural concrete	ASTM D41	Min. 1.5-inch GenFlex ISO	Hot asphalt	(Optional) Min. 0.25-inch Dens Deck	Hot asphalt	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-390.0*
C-42	Min. 2,500 psi structural concrete	ASTM D41	Min. 0.25-inch Dens Deck or SECUROCK Gypsum Fiber Roof Board	Hot asphalt	None	N/A	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-420.0*

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)	Primer	Base Insulation Layer		Top Insulation Layer		Roof Cover (Note 15)		MDP (psf)
			Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Type	Attach	
C-43	Min. 2,500 psi structural concrete	ASTM D41	Min. 1.5-inch GenFlex Coated Glass Facer	Hot asphalt	(Optional) additional layers base insulation	Hot asphalt	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-360.0*
C-44	Min. 2,500 psi structural concrete	None	Min. 1.5-inch GenFlex ISO	I.S.O. FIX II	Optional additional layers of base insulation; min. 1-inch GenFlex ISO	I.S.O. FIX II	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-247.5*
C-45	Min. 2,500 psi structural concrete	None	Min. 1.5-inch GenFlex Coated Glass Facer	I.S.O. FIX II, 6-inch o.c.	Min. 0.5-inch GenFlex HD ISO	I.S.O. FIX II, 6-inch o.c.	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-360.0*
C-46	Min. 2,500 psi structural concrete	None	Min. 1-inch GenFlex Coated Glass Facer	I.S.O. FIX II	(Optional) Additional layers of base insulation	I.S.O. FIX II	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-360.0*
C-47	Min. 2,500 psi structural concrete	None	Min. 1.5-inch GenFlex ISO	G-OSIA	(Optional) Min. 0.25-inch Dens Deck	G-OSIA	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-157.5*
C-48	Min. 2,500 psi structural concrete	None	Min. 1.5-inch GenFlex ISO	G-OSIA	Optional additional layer(s) base insulation followed by 19/32-inch plywood	G-OSIA	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-157.5*
C-49	Min. 2,500 psi structural concrete	None	Min. 1.5-inch GenFlex ISO	G-OSIA	Min. 0.5-inch GenFlex HD ISO	G-OSIA	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-202.5*
C-50	Min. 2,500 psi structural concrete	None	Min. 1.5-inch GenFlex ISO	G-OSIA	Optional additional layers of base insulation; min. 1-inch GenFlex ISO	G-OSIA	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-247.5*
C-51	Min. 2,500 psi structural concrete	None	Min. 1.5-inch GenFlex ISO	G-OSIA	Min. 0.25-inch SECURROCK Gypsum-Fiber Roof Board	G-OSIA	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-247.5*
C-52	Min. 2,500 psi structural concrete	None	Min. 0.5-inch GenFlex HD ISO	G-OSIA	None	N/A	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-300.0*
C-53	Min. 2,500 psi structural concrete	None	Min. 1.5-inch GenFlex Coated Glass Facer	G-OSIA, 6-inch o.c.	Min. 0.5-inch GenFlex HD ISO	G-OSIA, 6-inch o.c.	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-360.0*
C-54	Min. 2,500 psi structural concrete	None	Min. 1-inch GenFlex Coated Glass Facer	G-OSIA	(Optional) Additional layers of base insulation	G-OSIA	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-360.0*
C-55	Min. 2,500 psi structural concrete	None	Min. 1.5-inch GenFlex ISO	G-OSIA, full coverage	(Optional) Additional layers of base insulation or min. 0.25-inch Dens Deck or SECURROCK Gypsum Fiber Roof Board	G-OSIA, full coverage	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-390.0*
C-56	Min. 2,500 psi structural concrete	None	Min. 0.25-inch Dens Deck or SECURROCK Gypsum Fiber Roof Board	G-OSIA, full coverage	None	N/A	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-420.0*

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)	Primer	Base Insulation Layer		Top Insulation Layer		Roof Cover (Note 15)		MDP (psf)
			Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Type	Attach	
C-57	Min. 2,500 psi structural concrete	None	Min. 1.5-inch GenFlex ISO	I.S.O. Stick	Min. 0.25-inch Dens Deck, Dens Deck Prime or SECUROCK Gypsum Fiber Roof Board	I.S.O. Stick	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-232.5*
C-58	Min. 2,500 psi structural concrete	None	Min. 1.5-inch GenFlex ISO	I.S.O. Stick	Optional additional layers of base insulation; min. 1-inch GenFlex ISO	I.S.O. Stick	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-247.5*
C-59	Min. 2,500 psi structural concrete	None	Min. 1.5-inch GenFlex ISO	I.S.O. Stick	Min. 19/32-inch plywood	I.S.O. Stick	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-247.5*
C-60	Min. 2,500 psi structural concrete	None	Min. 1.5-inch GenFlex ISO	I.S.O. Stick	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	I.S.O. Stick	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-247.5*
C-61	Min. 2,500 psi structural concrete	None	Min. 1.5-inch GenFlex ISO	I.S.O. Stick	(Optional) Additional layers of base insulation	I.S.O. Stick	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-270.0*
C-62	Min. 2,500 psi structural concrete	None	Min. 1.5-inch GenFlex ISO	I.S.O. Stick	Min. 0.5-inch GenFlex HD ISO	I.S.O. Stick	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-322.5*
C-63	Min. 2,500 psi structural concrete	None	Min. 0.5-inch GenFlex HD ISO	I.S.O. Stick, 4" o.c.	None	N/A	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT or FRM-FR	BA-LVOC	-360.0*
C-64	Min. 2,500 psi structural concrete	None	Min. 1.5-inch GenFlex Coated Glass Facer	I.S.O. Stick, 6-inch o.c.	Min. 0.5-inch GenFlex HD ISO	I.S.O. Stick, 6-inch o.c.	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-360.0*
C-65	Min. 2,500 psi structural concrete	None	Min. 1-inch GenFlex Coated Glass Facer	I.S.O. Stick	(Optional) Additional layers of base insulation	I.S.O. Stick	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-360.0*
C-66	Min. 2,500 psi structural concrete	None	Min. 0.5-inch GenFlex HD ISO	I.S.O. Stick	None	N/A	GenFlex FlexWhite	BA-LVOC	-405.0*
C-67	Min. 2,500 psi structural concrete	None	Min. 0.25-inch Dens Deck or SECUROCK Gypsum-Fiber Roof Board	CR-20	None	N/A	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-245.0*
C-68	Min. 2,500 psi structural concrete	None	Min. 1.5-inch GenFlex ISO	CR-20	Min. 0.25-inch Dens Deck or SECUROCK Gypsum-Fiber Roof Board	CR-20	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-270.0*
C-69	Min. 2,500 psi structural concrete	None	Min. 1.5-inch GenFlex ISO	CR-20	(Optional) Additional layers of base insulation	CR-20	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-270.0*
MEMBRANE IN GENFLEX EPDM BONDING ADHESIVE LVOC-1168:									
C-70	Min. 2,500 psi structural concrete	ASTM D41	Min. 1.5-inch GenFlex ISO with optional Tapered GenFlex ISO	Hot asphalt	Min. 1-inch Firestone "FiberTop B"	Hot asphalt	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-97.5*

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)	Primer	Base Insulation Layer		Top Insulation Layer		Roof Cover (Note 15)		MDP (psf)
			Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Type	Attach	
C-71	Min. 2,500 psi structural concrete	ASTM D41	(Optional) Min. 1.5-inch GenFlex ISO	Hot asphalt	Min. 0.25-inch Dens Deck Prime or SECUROCK Gypsum Fiber Roof Board	Hot asphalt	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-112.5*
C-72	Min. 2,500 psi structural concrete	ASTM D41	Min. 1.5-inch GenFlex ISO	Hot asphalt	(Optional) Tapered GenFlex ISO	Hot asphalt	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-195.0*
C-73	Min. 2,500 psi structural concrete	ASTM D41	Min. 1.5-inch GenFlex Coated Glass Facer	Hot asphalt	(Optional) additional layers base insulation	Hot asphalt	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-360.0*
C-74	Min. 2,500 psi structural concrete	None	Min. 1.5-inch GenFlex ISO	I.S.O. FIX II	Min. 0.5-inch GenFlex HD ISO	I.S.O. FIX II	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-225.0*
C-75	Min. 2,500 psi structural concrete	None	Min. 1.5-inch GenFlex ISO	I.S.O. FIX II	Min. 0.25-inch Dens Deck Prime or SECUROCK Gypsum Fiber Roof Board	I.S.O. FIX II	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-262.5*
C-76	Min. 2,500 psi structural concrete	None	Min. 1-inch GenFlex Coated Glass Facer	I.S.O. FIX II	(Optional) Additional layers of base insulation	I.S.O. FIX II	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-450.0*
C-77	Min. 2,500 psi structural concrete	None	Min. 1.5-inch GenFlex ISO	G-OSIA	Optional additional layer(s) base insulation followed by 19/32-inch plywood	G-OSIA	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-157.5*
C-78	Min. 2,500 psi structural concrete	None	(Optional) Min. 1.5-inch GenFlex ISO	G-OSIA	Min. 0.5-inch GenFlex HD ISO	G-OSIA	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-225.0*
C-79	Min. 2,500 psi structural concrete	None	Min. 1.5-inch GenFlex ISO	G-OSIA	Min. 0.25-inch Dens Deck Prime or SECUROCK Gypsum Fiber Roof Board	G-OSIA	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-262.5*
C-80	Min. 2,500 psi structural concrete	None	Min. 1-inch GenFlex Coated Glass Facer	G-OSIA	(Optional) Additional layers of base insulation	G-OSIA	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-450.0*
C-81	Min. 2,500 psi structural concrete	None	Min. 1.5-inch GenFlex ISO	I.S.O. Stick	(Optional) Additional layers of base insulation and/or min. 0.5-inch GenFlex HD ISO	I.S.O. Stick	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-225.0*
C-82	Min. 2,500 psi structural concrete	None	Min. 0.5-inch GenFlex HD ISO	I.S.O. Stick	None	N/A	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-225.0*
C-83	Min. 2,500 psi structural concrete	None	Min. 1.5-inch GenFlex ISO	I.S.O. Stick	Min. 19/32-inch plywood	I.S.O. Stick	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-247.5*
C-84	Min. 2,500 psi structural concrete	None	Min. 1.5-inch GenFlex ISO	I.S.O. Stick	Min. 0.25-inch Dens Deck Prime or SECUROCK Gypsum Fiber Roof Board	I.S.O. Stick	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-262.5*

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)	Primer	Base Insulation Layer		Top Insulation Layer		Roof Cover (Note 15)		MDP (psf)
			Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Type	Attach	
C-85	Min. 2,500 psi structural concrete	None	Min. 1-inch GenFlex Coated Glass Facer	I.S.O. Stick	(Optional) Additional layers of base insulation	I.S.O. Stick	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-450.0*
C-86	Min. 2,500 psi structural concrete	None	Min. 1.5-inch GenFlex ISO	CR-20	(Optional) Additional layers of base insulation	CR-20	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-225.0*
MEMBRANE IN WATER BASED BONDING ADHESIVE P:									
C-87	Min. 2,500 psi structural concrete	ASTM D41	Min. 1.5-inch GenFlex Coated Glass Facer	Hot asphalt	(Optional) additional layers base insulation	Hot asphalt	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	WBBA P	-405.0*
C-88	Min. 2,500 psi structural concrete	None	Min. 1.5-inch GenFlex ISO	I.S.O. FIX II	Min. 0.5-inch GenFlex HD ISO	I.S.O. FIX II	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	WBBA P	-277.5*
C-89	Min. 2,500 psi structural concrete	None	Min. 1.5-inch GenFlex Coated Glass Facer	I.S.O. FIX II, 6-inch o.c.	Min. 0.5-inch GenFlex HD ISO	I.S.O. FIX II, 6-inch o.c.	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	WBBA P	-360.0*
C-90	Min. 2,500 psi structural concrete	None	Min. 1-inch GenFlex Coated Glass Facer	I.S.O. FIX II	(Optional) Additional layers of base insulation	I.S.O. FIX II	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	WBBA P	-405.0*
C-91	Min. 2,500 psi structural concrete	None	Min. 1.5-inch GenFlex ISO	G-OSIA	Min. 0.5-inch GenFlex HD ISO	G-OSIA	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	WBBA P	-247.5*
C-92	Min. 2,500 psi structural concrete	None	Min. 0.5-inch GenFlex HD ISO	G-OSIA	None	N/A	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	WBBA P	-300.0*
C-93	Min. 2,500 psi structural concrete	None	Min. 1.5-inch GenFlex Coated Glass Facer	G-OSIA, 6-inch o.c.	Min. 0.5-inch GenFlex HD ISO	G-OSIA, 6-inch o.c.	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	WBBA P	-360.0*
C-94	Min. 2,500 psi structural concrete	None	Min. 1-inch GenFlex Coated Glass Facer	G-OSIA	(Optional) Additional layers of base insulation	G-OSIA	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	WBBA P	-405.0*
C-95	Min. 2,500 psi structural concrete	None	Min. 1.5-inch GenFlex ISO	I.S.O. Stick	Min. 0.5-inch GenFlex HD ISO	I.S.O. Stick	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	WBBA P	-277.5*
C-96	Min. 2,500 psi structural concrete	None	Min. 0.5-inch GenFlex HD ISO	I.S.O. Stick, 4" o.c.	None	N/A	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT or FRM-FR	WBBA P	-360.0*
C-97	Min. 2,500 psi structural concrete	None	Min. 1.5-inch GenFlex Coated Glass Facer	I.S.O. Stick, 6-inch o.c.	Min. 0.5-inch GenFlex HD ISO	I.S.O. Stick, 6-inch o.c.	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	WBBA P	-360.0*
C-98	Min. 2,500 psi structural concrete	None	Min. 0.5-inch GenFlex HD ISO	I.S.O. Stick	None	N/A	GenFlex FlexWhite	WBBA P	-405.0*
C-99	Min. 2,500 psi structural concrete	None	Min. 1-inch GenFlex Coated Glass Facer	I.S.O. Stick	(Optional) Additional layers of base insulation	I.S.O. Stick	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	WBBA P	-405.0*

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

System No.	Deck (Note 1)	Lightweight Concrete (Note 14)	Base Insulation Layer		Coverboard		Roof Cover (Note 15)		MDP (psf)
			Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Type	Attach	
LWC-1	Min. 2,500 psi structural concrete	Min. 350 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture, with optional 1-inch thick, 1.0 pcf EPS holey board and surfacing of Celcore PVA Curing Compound.	Min. 1-inch GenFlex ISO	G-OSIA	(Optional) Additional layers of base insulation	G-OSIA	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	WBBA-P	-60.0*
LWC-2	Min. 2,500 psi structural concrete	Min. 350 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture, with optional 1-inch thick, 1.0 pcf EPS holey board and surfacing of Celcore PVA Curing Compound.	Min. 1-inch GenFlex ISO or GenFlex Coated Glass Facer	G-OSIA	Optional additional layers of base insulation followed by min. 19/32-inch plywood	G-OSIA	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	WBBA-P	-67.5*
LWC-3	Min. 2,500 psi structural concrete	Min. 350 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture, with optional 1-inch thick, 1.0 pcf EPS holey board and surfacing of Celcore PVA Curing Compound.	Min. 1-inch GenFlex ISO or GenFlex Coated Glass Facer	G-OSIA	Optional additional layers of base insulation followed by min. 19/32-inch plywood	G-OSIA	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA or BA-LVOC	-127.5*
LWC-4	Min. 2,500 psi structural concrete	Min. 350 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture, with optional 1-inch thick, 1.0 pcf EPS holey board and surfacing of Celcore PVA Curing Compound.	Min. 1-inch GenFlex ISO or GenFlex Coated Glass Facer	G-OSIA	Optional additional layers of base insulation followed by min. 19/32-inch plywood	G-OSIA	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-142.5*
LWC-5	Min. 2,500 psi structural concrete	Min. 350 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture, with optional 1-inch thick, 1.0 pcf EPS holey board and surfacing of Celcore PVA Curing Compound.	Min. 1-inch GenFlex ISO or GenFlex Coated Glass Facer	G-OSIA	(Optional) Additional layers of base insulation	G-OSIA	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA, BA-LVOC or BA-LVOC-1168	-217.5*
LWC-6	Min. 2,500 psi structural concrete	Min. 350 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture, with optional 1-inch thick, 1.0 pcf EPS holey board and surfacing of Celcore PVA Curing Compound.	Min. 1-inch or GenFlex Coated Glass Facer	G-OSIA	(Optional) Additional layers of base insulation	G-OSIA	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	WBBA-P	-217.5*
LWC-7	Min. 2,500 psi structural concrete	Min. 350 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture, with optional 1-inch thick, 1.0 pcf EPS holey board and surfacing of Celcore PVA Curing Compound.	(Optional) Min. 0.5-inch GenFlex ISO or GenFlex Coated Glass Facer	G-OSIA	Min. 2-inch GenFlex HD ISO Composite	G-OSIA	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA, BA-LVOC, BA-LVOC-1168 or WBBA-P	-217.5*
LWC-8	Min. 2,500 psi structural concrete	Min. 350 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture, with optional 1-inch thick, 1.0 pcf EPS holey board and surfacing of Celcore PVA Curing Compound.	Min. 1-inch GenFlex ISO or GenFlex Coated Glass Facer	G-OSIA	Optional additional layers of base insulation followed by min. 0.5-inch GenFlex HD ISO	G-OSIA	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA, BA-LVOC, BA-LVOC-1168 or WBBA-P	-217.5*

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

System No.	Deck (Note 1)	Lightweight Concrete (Note 14)	Base Insulation Layer		Coverboard		Roof Cover (Note 15)		MDP (psf)
			Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Type	Attach	
LWC-9	Min. 2,500 psi structural concrete	Min. 350 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture, with optional 1-inch thick, 1.0 pcf EPS holey board and surfacing of Celcore PVA Curing Compound.	Min. 1-inch GenFlex ISO or GenFlex Coated Glass Facer	G-OSIA	Optional additional layers of base insulation followed by min. 0.25-inch Dens Deck Prime or SECUROCK Gypsum Fiber Roof Board	G-OSIA	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA, BA-LVOC or BA-LVOC-1168	-217.5*
LWC-10	Min. 2,500 psi structural concrete	Min. 350 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture, with optional 1-inch thick, 1.0 pcf EPS holey board and surfacing of Celcore PVA Curing Compound.	Min. 1-inch GenFlex ISO	I.S.O. Stick	(Optional) Additional layers of base insulation	I.S.O. Stick	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	WBBA-P	-60.0*
LWC-11	Min. 2,500 psi structural concrete	Min. 350 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture, with optional 1-inch thick, 1.0 pcf EPS holey board and surfacing of Celcore PVA Curing Compound.	Min. 1-inch GenFlex ISO or GenFlex Coated Glass Facer	I.S.O. Stick	Optional additional layers of base insulation followed by min. 19/32-inch plywood	I.S.O. Stick	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	WBBA-P	-67.5*
LWC-12	Min. 2,500 psi structural concrete	Min. 350 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture, with optional 1-inch thick, 1.0 pcf EPS holey board and surfacing of Celcore PVA Curing Compound.	Min. 1-inch GenFlex ISO or GenFlex Coated Glass Facer	I.S.O. Stick	Optional additional layers of base insulation followed by min. 19/32-inch plywood	I.S.O. Stick	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA or BA-LVOC	-127.5*
LWC-13	Min. 2,500 psi structural concrete	Min. 350 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture, with optional 1-inch thick, 1.0 pcf EPS holey board and surfacing of Celcore PVA Curing Compound.	Min. 1-inch GenFlex ISO or GenFlex Coated Glass Facer	I.S.O. Stick	Optional additional layers of base insulation followed by min. 19/32-inch plywood	I.S.O. Stick	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-142.5*
LWC-14	Min. 2,500 psi structural concrete	Min. 350 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture, with optional 1-inch thick, 1.0 pcf EPS holey board and surfacing of Celcore PVA Curing Compound.	Min. 1-inch GenFlex ISO or GenFlex Coated Glass Facer	I.S.O. Stick	(Optional) Additional layers of base insulation	I.S.O. Stick	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA, BA-LVOC or BA-LVOC-1168	-187.5*
LWC-15	Min. 2,500 psi structural concrete	Min. 350 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture, with optional 1-inch thick, 1.0 pcf EPS holey board and surfacing of Celcore PVA Curing Compound.	Min. 1-inch GenFlex Coated Glass Facer	I.S.O. Stick	(Optional) Additional layers of base insulation	I.S.O. Stick	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	WBBA-P	-187.5*
LWC-16	Min. 2,500 psi structural concrete	Min. 350 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture, with optional 1-inch thick, 1.0 pcf EPS holey board and surfacing of Celcore PVA Curing Compound.	(Optional) Min. 0.5-inch GenFlex ISO or GenFlex Coated Glass Facer	I.S.O. Stick	Min. 2-inch GenFlex HD ISO Composite	I.S.O. Stick	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA, BA-LVOC, BA-LVOC-1168 or WBBA-P	-187.5*

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

System No.	Deck (Note 1)	Lightweight Concrete (Note 14)	Base Insulation Layer		Coverboard		Roof Cover (Note 15)		MDP (psf)
			Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Type	Attach	
LWC-17	Min. 2,500 psi structural concrete	Min. 350 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture, with optional 1-inch thick, 1.0 pcf EPS holey board and surfacing of Celcore PVA Curing Compound.	Min. 1-inch GenFlex ISO or GenFlex Coated Glass Facer	I.S.O. Stick	Optional additional layers of base insulation followed by min. 0.5-inch GenFlex HD ISO	I.S.O. Stick	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA, BA-LVOC, BA-LVOC-1168 or WBBA-P	-187.5*
LWC-18	Min. 2,500 psi structural concrete	Min. 350 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture, with optional 1-inch thick, 1.0 pcf EPS holey board and surfacing of Celcore PVA Curing Compound.	Min. 1-inch GenFlex ISO or GenFlex Coated Glass Facer	I.S.O. Stick	Optional additional layers of base insulation followed by min. 0.25-inch Dens Deck Prime or SECUROCK Gypsum Fiber Roof Board	I.S.O. Stick	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA, BA-LVOC or BA-LVOC-1168	-187.5*

TABLE 4B: LIGHTWEIGHT CONCRETE DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-2: MECHANICALLY ATTACHED ANCHOR SHEET, BONDED INSULATION, BONDED ROOF COVER

System No.	Deck (Note 1)	Lightweight Concrete (Note 14)	Anchor Sheet			Insulation			Roof Cover (Note 15)		MDP (psf)
			Type	Fasteners (Note 11)	Attach	Base	Top	Attach (Notes 6,7,8)	Type	Attach	
LWC-19	Min. 22 ga., Type BV, Grade 33 steel; 5' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	Pre-existent Minimum 200 psi, minimum 2-inch thick cellular LWIC. <i>Note: To qualify the LWIC under this assembly, the subject fastener shall achieve a MCRF of 52 lbf when tested per TAS 105.</i>	MB Base, Venting Base Sheet, SBS Base, SBS Base-P, SBS PolyBase, SBS Smooth, SBS Premium Base	Two Piece Impact Nail (min. 1.8-inch)	7-inch o.c. at the 4-inch side lap and 7-inch o.c. at two, equally spaced, staggered rows in the center of the sheet	Min. 1-inch GenFlex ISO or GenFlex Coated Glass Facer	(Optional) Additional layers base insulation	I.S.O. FIX II, G-OSIA, I.S.O. Stick	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA, BA-LVOC, BA-LVOC-1168 or WBBA P	-45.0
LWC-20	Min. 22 ga., Type BV, Grade 33 steel; 5' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	Pre-existent Minimum 200 psi, minimum 2-inch thick cellular LWIC. <i>Note: To qualify the LWIC under this assembly, the subject fastener shall achieve a MCRF of 52 lbf when tested per TAS 105.</i>	MB Base, Venting Base Sheet, SBS Base, SBS Base-P, SBS PolyBase, SBS Smooth, SBS Premium Base	Two Piece Impact Nail (min. 1.8-inch)	7-inch o.c. at the 4-inch side lap and 7-inch o.c. at two, equally spaced, staggered rows in the center of the sheet	Min. 1-inch GenFlex ISO or GenFlex Coated Glass Facer	Optional additional layers base insulation followed by min. 0.5-inch GenFlex HD ISO or min. 0.25-inch Dens Deck Prime or SECUROCK Gypsum Fiber Roof Board	I.S.O. FIX II, G-OSIA, I.S.O. Stick	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA, BA-LVOC, BA-LVOC-1168 or WBBA P	-45.0

TABLE 5A: CEMENTITIOUS WOOD FIBER DECKS - REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER

System No.	Deck (Notes 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)	Type	Attach	
CWF-1.	Existing Tectum	Min. 1-inch GenFlex ISO or min. 0.5-inch GenFlex HD ISO	G-OSIA	(Optional) Additional layer(s) base insulation	G-OSIA	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA, BA-LVOC, BA-LVOC-1168 or WBBA P	-45.0*

TABLE 5B: CEMENTITIOUS WOOD FIBER DECKS - REROOF (TEAR-OFF)
SYSTEM TYPE A-2: MECHANICALLY ATTACHED ANCHOR SHEET, BONDED INSULATION, BONDED ROOF COVER

System No.	Deck (Note 1)	Anchor Sheet			Base Insulation		Top Insulation		Roof Cover (Note 15)		MDP (psf)
		Type	Fasteners (Note 11)	Attach	Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Type	Attach	
CWF-2.	Existing Tectum	MB Base, Venting Base Sheet, SBS Base, SBS Bsa-P, SBS PolyBase, SBS Smooth, SBS Premium Base	Two Piece Impact Nail (min. 1.8-inch)	12-inch o.c. at the min. 2-inch lap and 18-inch o.c. at two, equally spaced center rows	Min. 1-inch GenFlex ISO or min. 0.5-inch GenFlex HD ISO	G-OSIA, I.S.O. FIX II or I.S.O. Stick	(Optional) Additional layer(s) base insulation	G-OSIA, I.S.O. FIX II or I.S.O. Stick	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA, BA-LVOC, BA-LVOC-1168 or WBBA P	-45.0*
CWF-3.	Existing Tectum	SBS Base, SBS Premium Base, MB Base or APP 160	Two Piece Impact Nail (min. 1.8-inch)	9-inch o.c. at the min. 2-inch lap and 18-inch o.c. at two, equally spaced center rows	Min. 1.5-inch GenFlex ISO	I.S.O. Stick	(Optional) Min. 0.25-inch Dens Deck, Dens Deck Prime or SECUROCK Gypsum Fiber Roof Board	I.S.O. Stick	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA, BA-LVOC or WBBA P	-45.0*
CWF-4.	Existing Tectum	SBS Base, SBS Premium Base, MB Base or APP 160	Two Piece Impact Nail (min. 1.8-inch)	9-inch o.c. at the min. 2-inch lap and 18-inch o.c. at two, equally spaced center rows	Min. 1.5-inch GenFlex ISO	I.S.O. Stick	(Optional) Min. 0.25-inch Dens Deck Prime or SECUROCK Gypsum Fiber Roof Board	I.S.O. Stick	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-45.0*

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

System No.	Deck (Notes 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)	Type	Attach	
MEMBRANE IN GENFLEX EPDM BONDING ADHESIVE EPDM-BA:								
G-1.	Existing sound gypsum or gypsum plank	Min. 1.5-inch GenFlex ISO	G-OSIA	(Optional) Min. 0.25-inch Dens Deck or SECUROCK Gypsum-Fiber Roof Board	G-OSIA	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-157.5*
G-2.	Existing sound gypsum or gypsum plank	Min. 1.5-inch GenFlex ISO	I.S.O. Stick	(Optional) Min. 0.25-inch Dens Deck, Dens Deck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 19/32-inch plywood	I.S.O. Stick	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-112.5*
G-3.	Existing sound gypsum or gypsum plank	Min. 0.25-inch Dens Deck or SECUROCK Gypsum-Fiber Roof Board	CR-20	None	N/A	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-245.0*
G-4.	Existing sound gypsum or gypsum plank	Min. 1.5-inch GenFlex ISO	CR-20	(Optional) Min. 0.25-inch Dens Deck, Dens Deck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 19/32-inch plywood	CR-20	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-257.5*
MEMBRANE IN GENFLEX EPDM BONDING ADHESIVE LVOC:								
G-5.	Existing sound gypsum or gypsum plank	Min. 1.5-inch GenFlex ISO	G-OSIA	(Optional) Min. 0.25-inch Dens Deck or SECUROCK Gypsum-Fiber Roof Board	G-OSIA	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-157.5*
G-6.	Existing sound gypsum or gypsum plank	Min. 1.5-inch GenFlex ISO	I.S.O. Stick	(Optional) Min. 0.25-inch Dens Deck, Dens Deck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 19/32-inch plywood	I.S.O. Stick	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-112.5*
G-7.	Existing sound gypsum or gypsum plank	Min. 0.25-inch Dens Deck or SECUROCK Gypsum-Fiber Roof Board	CR-20	None	N/A	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-245.0*
G-8.	Existing sound gypsum or gypsum plank	Min. 1.5-inch GenFlex ISO	CR-20	(Optional) Min. 0.25-inch Dens Deck, Dens Deck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 19/32-inch plywood	CR-20	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-257.5*
MEMBRANE IN GENFLEX EPDM BONDING ADHESIVE LVOC-1168:								
G-9.	Existing sound gypsum or gypsum plank	Min. 1.5-inch GenFlex ISO	I.S.O. Stick	(Optional) Min. 0.25-inch Dens Deck Prime or SECUROCK Gypsum Fiber Roof Board or min. 19/32-inch plywood	I.S.O. Stick	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-112.5*
G-10.	Existing sound gypsum or gypsum plank	Min. 1.5-inch GenFlex ISO	CR-20	(Optional) Min. 0.25-inch Dens Deck Prime or SECUROCK Gypsum Fiber Roof Board or min. 19/32-inch plywood	CR-20	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-257.5*

TABLE 6B: GYPSUM DECKS - REROOF (TEAR-OFF)
SYSTEM TYPE A-2: MECHANICALLY ATTACHED ANCHOR SHEET, BONDED INSULATION, BONDED ROOF COVER

System No.	Deck (Note 1)	Anchor Sheet			Base Insulation		Top Insulation		Roof Cover (Note 15)		MDP (psf)
		Type	Fasteners (Note 11)	Attach	Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Type	Attach	
G-11.	Existing poured gypsum or gypsum plank	SBS Base, SBS Premium Base, MB Base or APP 160	Two Piece Impact Nail (MCRF $\geq$ 105 lbf)	9-inch o.c. in the min. 2-inch lap and 18-inch o.c. in two, equally spaced center rows	Min. 1.5-inch GenFlex ISO	I.S.O. Stick	(Optional) Min. 0.25-inch Dens Deck, Dens Deck Prime or SECUROCK Gypsum Fiber Roof Board	I.S.O. Stick	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA or BA-LVOC	-45.0*
G-12.	Existing poured gypsum or gypsum plank	SBS Base, SBS Premium Base, MB Base or APP 160	Two Piece Impact Nail (MCRF $\geq$ 105 lbf)	9-inch o.c. in the min. 2-inch lap and 18-inch o.c. in two, equally spaced center rows	Min. 1.5-inch GenFlex ISO	I.S.O. Stick	(Optional) Min. 0.25-inch Dens Deck Prime or SECUROCK Gypsum Fiber Roof Board	I.S.O. Stick	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-45.0*

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

System No.	Substrate (Notes 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)	Type	Attach	
MEMBRANE IN GENFLEX EPDM BONDING ADHESIVE EPDM-BA:								
R-1	Existing asphaltic BUR or mineral surface cap sheet	Min. 1.5-inch GenFlex ISO	Hot asphalt	(Optional) Min. 0.25-inch Dens Deck or SECUROCK Gypsum-Fiber Roof Board	Hot asphalt	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-157.5*
R-2	Existing asphaltic BUR or mineral surface cap sheet	Min. 0.25-inch Dens Deck or SECUROCK Gypsum-Fiber Roof Board	Hot asphalt	None	N/A	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-157.5*
R-3	Existing asphaltic BUR	(Optional) Min. 0.5-inch GenFlex ISO or GenFlex Coated Glass Facer	I.S.O. FIX II	Min. 0.5-inch GenFlex HD ISO	I.S.O. FIX II	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-210.0*
R-4	Existing asphaltic BUR or mineral surface cap sheet	Min. 1.5-inch GenFlex ISO	G-OSIA	(Optional) Min. 0.25-inch Dens Deck or SECUROCK Gypsum-Fiber Roof Board	G-OSIA	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-157.5*
R-5	Existing asphaltic BUR or mineral surface cap sheet	(Optional) Min. 1.5-inch GenFlex ISO	G-OSIA	Min. 0.25-inch Dens Deck, or Dens Deck Prime	G-OSIA	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-157.5*
R-6	Existing asphaltic BUR or mineral surface cap sheet	(Optional) Min. 1.5-inch GenFlex ISO	G-OSIA	Min. 0.5-inch GenFlex HD ISO	G-OSIA	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-157.5*
R-7	Existing asphaltic BUR or mineral surface cap sheet	(Optional) Min. 1.5-inch GenFlex ISO	G-OSIA	Optional additional layer(s) base insulation followed by 19/32-inch plywood	G-OSIA	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-157.5*
R-8	Existing asphaltic BUR	(Optional) Min. 0.5-inch GenFlex ISO or GenFlex Coated Glass Facer	G-OSIA	Min. 0.5-inch GenFlex HD ISO or min. 2-inch GenFlex HD ISO Composite	G-OSIA	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-202.5*
R-9	Existing asphaltic BUR or mineral surface cap sheet	Min. 1.5-inch GenFlex ISO	I.S.O. Stick	Min. 0.5-inch Firestone “FiberTop B”	I.S.O. Stick	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-60.0*
R-10	Existing asphaltic BUR or mineral surface cap sheet	Min. 1.5-inch GenFlex ISO	I.S.O. Stick	Min. 0.25-inch Dens Deck, Dens Deck Prime or SECUROCK Gypsum-Fiber Roof Board or min 19/32-inch plywood	I.S.O. Stick	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-120.0*
R-11	Existing asphaltic BUR or mineral surface cap sheet	(Optional) Min. 1.5-inch GenFlex ISO	I.S.O. Stick	Min. 0.5-inch GenFlex HD ISO	I.S.O. Stick	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-120.0*
R-12	Existing asphaltic BUR	(Optional) Min. 0.5-inch GenFlex ISO or GenFlex Coated Glass Facer	I.S.O. Stick, 6-inch o.c.	Min. 2-inch GenFlex HD ISO Composite	I.S.O. Stick, 6-inch o.c.	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-187.5*

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

System No.	Substrate (Notes 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)	Type	Attach	
R-13	Existing asphaltic BUR	(Optional) Min. 0.5-inch GenFlex ISO or GenFlex Coated Glass Facer	I.S.O. Stick, 6-inch o.c.	Min. 0.5-inch GenFlex HD ISO	I.S.O. Stick, 6-inch o.c.	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-247.5*
R-14	Existing asphaltic BUR or mineral surface cap sheet	Min. 0.25-inch Dens Deck or SECUROCK Gypsum-Fiber Roof Board	CR-20	None	N/A	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-245.0*
R-15	Existing asphaltic BUR or mineral surface cap sheet	Min. 1.5-inch GenFlex ISO	CR-20	(Optional) Min. 0.25-inch Dens Deck or SECUROCK Gypsum-Fiber Roof Board	CR-20	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-262.5*
MEMBRANE IN GENFLEX EPDM BONDING ADHESIVE LVOC:								
R-16	Existing asphaltic BUR or mineral surface cap sheet	Min. 1.5-inch GenFlex ISO	Hot asphalt	(Optional) Min. 0.25-inch Dens Deck or SECUROCK Gypsum-Fiber Roof Board	Hot asphalt	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-157.5*
R-17	Existing asphaltic BUR or mineral surface cap sheet	Min. 0.25-inch Dens Deck or SECUROCK Gypsum-Fiber Roof Board	Hot asphalt	None	N/A	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-157.5*
R-18	Existing asphaltic BUR	(Optional) Min. 0.5-inch GenFlex ISO or GenFlex Coated Glass Facer	I.S.O. FIX II	Min. 0.5-inch GenFlex HD ISO	I.S.O. FIX II	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-210.0*
R-19	Existing asphaltic BUR or mineral surface cap sheet	Min. 1.5-inch GenFlex ISO	G-OSIA	(Optional) Min. 0.25-inch Dens Deck or SECUROCK Gypsum-Fiber Roof Board	G-OSIA	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-157.5*
R-20	Existing asphaltic BUR or mineral surface cap sheet	(Optional) Min. 1.5-inch GenFlex ISO	G-OSIA	Min. 0.25-inch Dens Deck, or Dens Deck Prime	G-OSIA	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-157.5*
R-21	Existing asphaltic BUR or mineral surface cap sheet	(Optional) Min. 1.5-inch GenFlex ISO	G-OSIA	Min. 0.5-inch GenFlex HD ISO	G-OSIA	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-157.5*
R-22	Existing asphaltic BUR or mineral surface cap sheet	(Optional) Min. 1.5-inch GenFlex ISO	G-OSIA	Optional additional layer(s) base insulation followed by 19/32-inch plywood	G-OSIA	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-157.5*
R-23	Existing asphaltic BUR	(Optional) Min. 0.5-inch GenFlex ISO or GenFlex Coated Glass Facer	G-OSIA	Min. 0.5-inch GenFlex HD ISO or min. 2-inch GenFlex HD ISO Composite	G-OSIA	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-202.5*
R-24	Existing asphaltic BUR or mineral surface cap sheet	Min. 1.5-inch GenFlex ISO	I.S.O. Stick	Min. 0.5-inch Firestone "FiberTop B"	I.S.O. Stick	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-60.0*

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

System No.	Substrate (Notes 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)	Type	Attach	
R-25	Existing asphaltic BUR or mineral surface cap sheet	Min. 1.5-inch GenFlex ISO	I.S.O. Stick	Min. 0.25-inch Dens Deck, Dens Deck Prime or SECUROCK Gypsum-Fiber Roof Board or min 19/32-inch plywood	I.S.O. Stick	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-120.0*
R-26	Existing asphaltic BUR or mineral surface cap sheet	(Optional) Min. 1.5-inch GenFlex ISO	I.S.O. Stick	Min. 0.5-inch GenFlex HD ISO	I.S.O. Stick	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-120.0*
R-27	Existing asphaltic BUR	(Optional) Min. 0.5-inch GenFlex ISO or GenFlex Coated Glass Facer	I.S.O. Stick, 6-inch o.c.	Min. 2-inch GenFlex HD ISO Composite	I.S.O. Stick, 6-inch o.c.	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-187.5*
R-28	Existing asphaltic BUR	(Optional) Min. 0.5-inch GenFlex ISO or GenFlex Coated Glass Facer	I.S.O. Stick, 6-inch o.c.	Min. 0.5-inch GenFlex HD ISO	I.S.O. Stick, 6-inch o.c.	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-247.5*
R-29	Existing asphaltic BUR or mineral surface cap sheet	Min. 0.25-inch Dens Deck or SECUROCK Gypsum-Fiber Roof Board	CR-20	None	N/A	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-245.0*
R-30	Existing asphaltic BUR or mineral surface cap sheet	Min. 1.5-inch GenFlex ISO	CR-20	(Optional) Min. 0.25-inch Dens Deck or SECUROCK Gypsum-Fiber Roof Board	CR-20	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-262.5*
MEMBRANE IN GENFLEX EPDM BONDING ADHESIVE LVOC-1168:								
R-31	Existing asphaltic BUR	(Optional) Min. 0.5-inch GenFlex ISO or GenFlex Coated Glass Facer	I.S.O. FIX II	Min. 0.5-inch GenFlex HD ISO	I.S.O. FIX II	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-210.0*
R-32	Existing asphaltic BUR or mineral surface cap sheet	(Optional) Min. 1.5-inch GenFlex ISO	G-OSIA	Min. 0.25-inch Dens Deck Prime or SECUROCK Gypsum Fiber Roof Board	G-OSIA	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-157.5*
R-33	Existing asphaltic BUR or mineral surface cap sheet	(Optional) Min. 1.5-inch GenFlex ISO	G-OSIA	Min. 0.5-inch GenFlex HD ISO	G-OSIA	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-157.5*
R-34	Existing asphaltic BUR or mineral surface cap sheet	(Optional) Min. 1.5-inch GenFlex ISO	G-OSIA	Optional additional layer(s) base insulation followed by 19/32-inch plywood	G-OSIA	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-157.5*
R-35	Existing asphaltic BUR	(Optional) Min. 0.5-inch GenFlex ISO or GenFlex Coated Glass Facer	G-OSIA	Min. 0.5-inch GenFlex HD ISO or min. 2-inch GenFlex HD ISO Composite	G-OSIA	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-202.5*
R-36	Existing asphaltic BUR or mineral surface cap sheet	Min. 1.5-inch GenFlex ISO	I.S.O. Stick	Min. 0.5-inch Firestone "FiberTop B"	I.S.O. Stick	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-60.0*

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

System No.	Substrate (Notes 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)	Type	Attach	
R-37	Existing asphaltic BUR or mineral surface cap sheet	Min. 1.5-inch GenFlex ISO	I.S.O. Stick	Min. 0.25-inch Dens Deck Prime or SECUROCK Gypsum Fiber Roof Board or min 19/32-inch plywood	I.S.O. Stick	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-120.0*
R-38	Existing asphaltic BUR or mineral surface cap sheet	(Optional) Min. 1.5-inch GenFlex ISO	I.S.O. Stick	Min. 0.5-inch GenFlex HD ISO	I.S.O. Stick	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-120.0*
R-39	Existing asphaltic BUR	(Optional) Min. 0.5-inch GenFlex ISO or GenFlex Coated Glass Facer	I.S.O. Stick, 6-inch o.c.	Min. 2-inch GenFlex HD ISO Composite	I.S.O. Stick, 6-inch o.c.	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-187.5*
R-40	Existing asphaltic BUR	(Optional) Min. 0.5-inch GenFlex ISO or GenFlex Coated Glass Facer	I.S.O. Stick, 6-inch o.c.	Min. 0.5-inch GenFlex HD ISO	I.S.O. Stick, 6-inch o.c.	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-225.0*
MEMBRANE IN WATER BASED BONDING ADHESIVE P:								
R-41	Existing asphaltic BUR	(Optional) Min. 0.5-inch GenFlex ISO or GenFlex Coated Glass Facer	I.S.O. FIX II	Min. 0.5-inch GenFlex HD ISO	I.S.O. FIX II	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	WBBA P	-210.0*
R-42	Existing asphaltic BUR or mineral surface cap sheet	(Optional) Min. 1.5-inch GenFlex ISO	G-OSIA	Min. 0.5-inch GenFlex HD ISO	G-OSIA	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	WBBA P	-157.5*
R-43	Existing asphaltic BUR	(Optional) Min. 0.5-inch GenFlex ISO or GenFlex Coated Glass Facer	G-OSIA	Min. 0.5-inch GenFlex HD ISO or min. 2-inch GenFlex HD ISO Composite	G-OSIA	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	WBBA P	-202.5*
R-44	Existing asphaltic BUR or mineral surface cap sheet	(Optional) Min. 1.5-inch GenFlex ISO	I.S.O. Stick	Min. 0.5-inch GenFlex HD ISO	I.S.O. Stick	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	WBBA P	-120.0*
R-45	Existing asphaltic BUR	(Optional) Min. 0.5-inch GenFlex ISO or GenFlex Coated Glass Facer	I.S.O. Stick, 6-inch o.c.	Min. 2-inch GenFlex HD ISO Composite	I.S.O. Stick, 6-inch o.c.	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	WBBA P	-187.5*
R-46	Existing asphaltic BUR	(Optional) Min. 0.5-inch GenFlex ISO or GenFlex Coated Glass Facer	I.S.O. Stick, 6-inch o.c.	Min. 0.5-inch GenFlex HD ISO	I.S.O. Stick, 6-inch o.c.	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	WBBA P	-247.5*

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

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

System No.	Deck (Note 1)	Insulation		Roof Cover			MDP (psf)
		Type	Attach	Membrane	Fasteners (Note 11)	Attachment	
R-47	Existing standing seam or lap seam metal roof covers having min. 3/16-inch to max. ¼-inch thick steel purlins spaced max. 72-inch o.c.	One or more layers, any combination	Prelim. attached	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT or II FRM-FR	GenFast Purlin Fastener (T) with GenFast Coiled Bar Anchor	6-inch o.c. within 6-inch wide laps spaced max. 72-inch o.c. to engage steel purlin.	-45.0
R-48	Existing standing seam or lap seam metal roof covers having min. 3/16-inch to max. ¼-inch thick steel purlins spaced max. 84-inch o.c.	One or more layers, any combination	Prelim. attached	GenFlex II, AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT or II FRM-FR	GenFast Purlin Fastener (T) with GenFast Coiled Bar Anchor	12-inch o.c. within 6-inch wide laps spaced max. 84-inch o.c. to engage steel purlin.	-45.0

TABLE 7C: STEEL - RECOVER
SYSTEM TYPE D-2: INSULATED, MECHANICALLY ATTACHED ROOF COVER (RMA STRIPS)

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

System No.	Deck (Note 1)	Insulation		Roof Cover			MDP (psf)
		Type	Attach	Membrane	Fasteners (Note 11)	Attachment	
R-49	Existing standing seam or lap seam metal roof covers having min. 3/16-inch to max. ¼-inch thick steel purlins spaced max. 120-inch o.c.	One or more layers, any combination	Prelim. attached	GenFlex II FRM, II FRM PT or II FRM-FR	GenFast Purlin Fastener (T) with GenFast Polymer Batten Strip	GenFlex Peel & Stick R.M.A. strips are applied over the insulation spaced 120-inch o.c. positioned over each steel purlin location and secured 6-inch o.c. into the purlins. Roof cover adhered to each strip by first priming the membrane underside with GenPrime at the strip location, then rolling into place with a hand roller.	-52.5