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Product Evaluation

RC273 | 0923

Engineering Services Program

The following product has been evaluated for compliance with the wind loads specified in the International Residential Code (IRC) and the International Building Code (IBC).

This product evaluation is not an endorsement of this product or a recommendation that this product be used. The Texas Department of Insurance has not authorized the use of any information contained in the product evaluation for advertising, or other commercial or promotional purpose.

This product evaluation is intended for use by those individuals who are following the design wind load criteria in Chapter 3 of the IRC and Section 1609 of the IBC. The design loads determined for the building or structure shall not exceed the design load rating specified for the products shown in the limitations section of this product evaluation. This product evaluation does not relieve a Texas licensed engineer of his responsibilities as outlined in the Texas Insurance Code, the Texas Administrative Code, and the Texas Engineering Practice Act.

For more information, contact TDI Engineering Services Program at (800) 248-6032.

Evaluation ID: RC-273 **Effective Date:** September 1, 2023

Re-evaluation Date: September 2027

Product Name: Elevate EPDM Roofing Systems

Manufacturer: Amrize Building Envelope LLC

26 Century Blvd, Suite 205 Nashville, TN 37214

(800) 428-4511

Also manufactured as: GenFlex Roofing System a Division of Elevate Building

General Description:

- RubberGard FR® and RubberGard LS-FR® are nominal 45-mil (1.1 mm) or 60-mil (1.5 mm) thick, non-reinforced Ethylene Propylene Diene Monomer based, single-ply roof membranes.
- RubberGard Platinum® is a nominal 90-mil (2.2 mm) thick, non-reinforced, Ethylene Propylene Diene Monomer based, single-ply roof membrane.
- RubberGard MAX® and RubberGard MAX FR® are a nominal 45-mil (1.1 mm), 60-mil (1.5 mm) or 75-mil (1.9 mm) thick, internally reinforced Ethylene Propylene Diene Monomer based, single-ply roof membrane.
- RubberGard EcoWhite® is a nominal 60-mil (1.5 mm) thick, non-reinforced, bi-laminate, white-on-black, cured single ply roof membrane.
- **RubberGard LS-FR PT**® is a non-reinforced low slope fire retardant EPDM membrane panel with 3" or 6" wide QuickSeam tape factory laminated continuously along one 100' length of the panel.

- **RubberGard EcoWhite PT**® is a non-reinforced white EPDM membrane with 3" wide QuickSeam tape factory laminated continuously along lengthwise edge of the panel.
- **RubberGard MAX PT**® is a scrim reinforced EPDM membrane panel with 3" or 6" wide QuickSeam tape factory laminated continuously along one 100' length of the panel.
- **RubberGard EPDM SA** is a nominal 60-mil (1.5 mm) thick, non-reinforced Ethylene Propylene Diene Monomer based, single ply self-adhering roof membrane.
- **FullForce EPDM** is a nominal 60-mil (1.5mm) thick, non-reinforced Ethylene Propylene Diene Monomer based, single ply self-adhering roof membrane.
- **ISO 95+ GL** is a polyisocyanurate foam insulation board with a glass reinforced mat facer.
- **ISO 95+ GL Tapered** is a polyisocyanurate foam insulation board with a glass reinforced mat facer (tapered boards).
- **RESISTA** is a polyisocyanurate foam insulation board with a coated fiberglass facer.
- RESISTA Tapered is a polyisocyanurate foam insulation board with a coated fiberglass facer (tapered boards).
- **ISOGARD HD** is a high-density polyisocyanurate board with a coated fiberglass facer.
- **ISOGARD HD Composite** is a closed-cell polyisocyanurate foam core laminated to a 1/2" ISOGARD HD board.
- **HailGard** is a closed-cell polyisocyanurate foam core laminated to a glass reinforced mat facer on one side, and 7/16" oriented strand board on the other side.
- **Bonding Adhesive BA-2004 T** is a solvent-based contact adhesive used for all EPDM roof covers and flashing to insulation, wood, metal, masonry and other approved substrates.
- Water Based Bonding Adhesive-P is a contact adhesive used for bonding Elevate EPDM membranes to approved substrates.
- Single-Ply LVOC Bonding Adhesive is a solvent-based contact adhesive used for bonding
 Elevate EPDM membranes to insulation, wood, metal, masonry and other approved substrates.
 Single-Ply LVOC Bonding Adhesive 1168 is a bonding adhesive used for bonding Elevate
 EPDM membranes to insulation, wood, metal, masonry and other approved substrates.
- **EPDM Solvent Free Bonding Adhesive** is a polymer-based bonding adhesive for adhering non-reinforced RubberGard EPDM membranes to approved substrates.
- **V-Force SB Primer** is a solvent-based primer to prepare porous substrates to receive V-Force Vapor Barrier Membrane.
- **SA-Solvent Base (SB) Primer** is a synthetic polymer adhesion-enhancing resin use to prime and prepare exterior concrete, metal, wood, plywood and gypsum surfaces to enhance the adhesion of Elevate V-Force Vapor Barrier Membranes, Enverge Air & Vapor Barrier SA Membranes and CLAD-GARD Metal Roof Underlayments.
- **SA-LVOC Primer** is a synthetic polymer and adhesion-enhancing resin use to prime and prepare exterior concrete, metal, wood, plywood and gypsum surfaces to enhance the adhesion of Elevate V-Force Vapor Barrier Membranes, Enverge Air & Vapor Barrier SA Membranes and CLAD-GARD Metal Roof Underlayments.
- **Elevate SA Primer** is a synthetic polymer use to prime substrates prior to the application of BASEGARD SA or MB Base SA.
- **Elevate #12 Fastener** is a #12 fastener for steel or wood decks.
- **Elevate All-Purpose Fastener** is a #14 fastener for steel or wood decks.
- **Elevate Heavy Duty Fastener** is a #15 fastener for steel, wood or concrete decks.
- **Elevate Metal Batten Strip** is a metal batten strip for anchoring Elevate membranes and flashing details.

- **Elevate Polymer Batten Strip** is a polymer batten strip for anchoring Elevate membranes and flashing details.
- **Elevate Insulation Fastening Plate** is a 3" galvalume insulation plate used with Elevate #12 Fasteners, All-Purpose Fasteners, Heavy-Duty Fasteners and Concrete Drive fasteners.
- **Elevate Seam Plate** is a 2" metal plate used with Elevate All-Purpose Fasteners, Heavy-Duty Fasteners and Concrete Drive fasteners.
- **Elevate V-Plate** is a 2-1/4" galvalume plate used with Elevate All-Purpose Fasteners, Heavy Duty Fasteners and Concrete Drive fasteners.
- **Pre-Assembled Heavy-Duty Fastener and Insulation Plate** is a SAE 1022 heat treated steel fastener with an AZ-50 galvalume steel plate used in all Elevate roof systems to pre-attach insulation or base sheets to steel and wood decks.
- **Concrete Drive Fastener** is used with Elevate Insulation Plates for the attachment of roofing insulation, and base sheets, or attachment of Elevate Metal Batten Strips, Seam Plates, Termination Bars and other accessories into structural concrete substrates.

GenFlex Product Description:

- **GenFlex II FR EPDM** and **GenFlex AFR EPDM** are nominal 45-mil (1.1 mm) or 60-mil (1.5 mm) thick, non-reinforced Ethylene Propylene Diene Monomer based, single-ply roof membranes.
- **GenFlex AFR** is a nominal 90-mil (2.2 mm) thick, non-reinforced, Ethylene Propylene Diene Monomer based, single-ply roof membrane.
- **GenFlex II FRM** and **GenFlex II FRM-FR** are a nominal 45-mil (1.1 mm), 60-mil (1.5 mm) or 75-mil (1.9 mm) thick, internally reinforced Ethylene Propylene Diene Monomer based, single-ply roof membrane.
- **GenFlex FlexWhite EPDM** is a nominal 60-mil (1.5 mm) thick, non-reinforced, bi-laminate, white-on-black, cured single ply roof membrane.
- **GenFlex AFR PT** is a is a non-reinforced low slope fire retardant EPDM membrane panel with 3" or 6" wide QuickSeam tape factory laminated continuously along one 100' length of the panel.
- **GenFlex FlexWhite PT** is a non-reinforced white EPDM membrane with 3" wide QuickSeam tape factory laminated continuously along lengthwise edge of the panel.
- **GenFlex II FRM PT** is an internally reinforced EPDM membrane panel with 3" or 6" wide QuickSeam tape factory laminated continuously along one 100' length of the panel.
- **GenFlex ISO Insulation** is a polyisocyanurate foam insulation board with a glass reinforced mat facer.
- **GenFlex ISO Insulation Tapered** is a polyisocyanurate foam insulation board with a glass reinforced mat facer (tapered boards).
- **Coated Glass Facer** is a polyisocyanurate foam insulation board with a coated fiberglass facer.
- **Coated Glass Facer Tapered** is a polyisocyanurate foam insulation board with a coated fiberglass facer (tapered boards).
- **GenFlex HD ISO** is a high-density polyisocyanurate board with a coated fiberglass facer.
- GenFlex HD Composite ISO is a closed-cell polyisocyanurate foam core laminated to a 1/2" GenFlex HD ISO board.
- **GenFlex HailGard** is a closed-cell polyisocyanurate foam core laminated to a glass reinforced mat facer on one side and 7/16" oriented strand board on the other side.

- **GenFlex All Purpose Bonding Adhesive** is a solvent-based contact adhesive for bonding Approved GenFlex EPDM membranes and flashing to insulation, wood, metal, masonry and other approved substrates.
- **GenFlex Water Based Bonding Adhesive** is a water-based latex, low VOC contact adhesive for bonding GenFlex EPDM membranes to approved substrates.
- **GenFlex EPDM Bonding Adhesive LVOC** is a solvent-based formulation used for bonding GenFlex EPDM to insulation, wood, metal, masonry, and other approved substrates.
- **EZ TPO Bonding Adhesive LVOC-1168** is a bonding adhesive used for bonding GenFlex EPDM membranes and flashing to insulation, wood, metal, masonry and other approved substrates.
- **GenFlex EPDM Solvent Free Bonding Adhesive** is a polymer-based bonding adhesive for adhering non-reinforced GenFlex EPDM membranes to approved substrates.
- **GenFast #12 Fastener** is a #12 fastener for steel or wood decks.
- **GenFast AP Fastener** is a #14 fastener for steel or wood decks.
- **GenFlex Heavy Duty Fastener** is a #15 fastener for steel, wood or concrete decks.
- GenFast Batten Strip is a metal batten strip for anchoring GenFlex membranes and flashing details.
- **GenFast 3/4" Polymer Batten Strip** is a polymer batten strip for anchoring GenFlex membranes and flashing details.
- **GenFast 3" Round Insulation Plate** is a 3" galvalume insulation plate used with GenFast #12 Fasteners, GenFast AP Fasteners, GenFlex Heavy-Duty Fasteners and GenFast Concrete Drive fasteners.
- **GenFast 2" Metal Seam Plate** is a 2" metal plate used with GenFast AP Fasteners, GenFlex Heavy-Duty Fasteners and GenFast Concrete Drive fasteners.
- **GenFast Venting Seam Plate** is a 2-1/4" galvalume plate used with GenFast AP Fasteners, GenFlex Heavy-Duty Fasteners and Concrete Drive fasteners.
- **GenFast Concrete Drive Fastener** is used with Elevate Insulation Plates for the attachment of roofing insulation, and base sheets, or attachment of Elevate Metal Batten Strips, Seam Plates, Termination Bars and other accessories into structural concrete substrates.

Other Manufactures Product Description:

- SECUROCK Gypsum Fiber Roof Board is a high-performance roof board for use in low-slope roofing systems.
- **DensDeck** and **DensDeck Prime** are a fiberglass mat-faced, noncombustible, nonstructural, gypsum core panel.
- **AP AccuTrac Kits** are used in roofing applications for the attachment of insulation to steel and wood roof decks with OMG AccuTrac installation equipment.
- **IsoFast #12 Belted Fastener** is a low carbon steel, AZ 50 galvalume plate used for the attachment of insulation to steel and wood.
- **IsoFast #15 Belted Fastener** is a low carbon steel, AZ 50 galvalume plate used for the attachment of insulation and membrane to steel and wood.
- **IF-L-70x70 Insulation Plate** is a 2-3/4" square stacked insulation and membrane plate used with #12 Belted Fasteners and #15 Belted Fasteners.

Limitations and Installation:

Roof Framing: The maximum allowable spacing of the roof framing must be as specified in this evaluation report.

Roof Deck: For new applications, the roof deck must be secured to the roof framing to resist the required uplift loads.

Positive Drainage of Roof Deck: Roof decks, in which this product is to be installed upon, must be provided with positive drainage. A minimum roof slope after construction of 1/4" inch per foot is recommended.

Design Wind Pressures: The design wind uplift pressures must be specified in the assemblies listed in this evaluation report.

Installation over an Existing Roof Covering (Roof Recover):

Acceptable Applications: The EPDM roofing system may be installed over an existing TPO, EPDM, SBS Modified Bitumen or Built-Up-Roof covering based on the requirements set forth in this product evaluation report.

Inspection of Roof Covering Recover Installation: Inspection of the roof covering recover installation must be by a TDI appointed engineer. The TDI appointed engineer must determine if the roof framing can support the combined weight of the existing roof covering and the roof covering recover.

Roof Covering Replacement versus Roof Covering Recover: All existing roof coverings must be completely removed and a new roof covering installed if any of the following conditions occur:

- The existing roof or roof covering is water soaked or has deteriorated to the point that the existing roof or roof covering is not adequate as a base for the additional roof covering.
- The existing roof has two or more applications of any type of roof covering.

Positive Drainage: The roof covering recover application must not be required to meet the minimum roof slope of 1/4" per foot if positive drainage is provided.

Roof Framing: The maximum allowable spacing of the roof framing must be as specified in this evaluation report.

Roof Deck: The existing roof deck must be as specified in each assembly listed in this evaluation report. The underside of the roof deck must be examined by the TDI appointed engineer for corrosion or deterioration. If corrosion exists, then it must be treated with a rust inhibitor. A fastener withdrawal resistance test must be conducted in the corroded or deteriorated area to determine if the withdrawal resistance of the fastener complies with the minimum fastener requirements for the roof covering recover application. If the tested fastener fails to comply, then the deteriorated roof deck must be replaced.

Fastener Withdrawal Resistance: The fastener withdrawal resistance must be conducted in accordance with ANSI/SPRI FX-1-2006 and this evaluation report.

Fasteners used for the installation of the roof covering recover to the existing roof deck must be as specified in the Installation Instructions section of this evaluation report. For the withdrawal test, the fasteners must be installed in the existing roof deck as required for the roof covering recover installation. A TDI appointed engineer must review the data to verify the integrity of the existing roof deck and to compare results of the withdrawal tests with the minimum fastener requirements for the roof covering recover application.

The TDI appointed engineer must document all test results, including the locations on the roof surface where the tests are performed. A minimum of ten withdrawal resistance tests are required for a roof area up to 50,000 square feet (a minimum of 50 percent of the tests must be conducted at the perimeter and the corners). Five additional tests are required for each additional 5,000 square feet of roof area or portion thereof (a minimum of 50 percent of the tests must be conducted at the perimeter and the corners). The tests must be located evenly spread across the surface of the roof. At least one withdrawal test must be performed on each roof level if the roof consists of multiple levels.

The withdrawal resistance of each tested fastener must comply with the minimum fastener requirements for the roof covering recover application. If a tested fastener fails to comply, then the TDI appointed engineer must examine that area for deterioration of the roof deck by removing the existing roof covering in that area. If that area of the roof deck has deteriorated, then the deteriorated roof deck must be replaced.

Existing Roof Covering Preparation: The existing roof covering must be prepared to receive the roof covering recover as specified in the Elevate installation instructions.

The existing roof covering surface must be dry and free of dirt and debris. If the existing roof covering is gravel surfaced, then the loose gravel must be completely removed. The surface of the existing roof covering must be relatively smooth.

If the existing roof covering has blisters, buckles, ridges, folds, or other deformations, then they must be removed and the surface patched to provide a smooth surface.

If the existing roof covering has loose fasteners, then the existing membrane must be cut open, the loose fasteners removed, and the surface patched to provide a smooth surface.

Roof Covering Recover Installation: Installation of the roof covering recover must be specified in the Installation Instructions section of this evaluation report.

General installation Requirements:

All International Residential Code (IRC) and the International Building Code (IBC) requirements must be satisfied, and manufacturer's installation instructions followed, unless otherwise specified by this product evaluation.

Membrane Attachment: The membrane must be mechanically attached or fully adhered using the fasteners, plates and adhesives specified in this evaluation report.

Seam Lap: All lap seams must be sealed with Elevate adhesives or tape per Elevate specification.

Fasteners: Fasteners must be of sufficient length to have a minimum of 3/4" penetration through the top flute of the steel deck, or a minimum of 1" plywood penetration or wood plank embedment.

Installation: Installation must be in accordance with the following assemblies:

APPENDI	х 1: Аттасни	MENT REQUIREMENTS FOR W	IND UPLIFT RESISTANCE						
Table	Deck	Assembly No.	Application	Description					
1-A	Wood	W-1 through W-20	New, Reroof (Tear-Off) or Recover	Optional Base Insulation, Mechanically Attached Top Insulation, Bonded Roof Cover	9-18				
1-B	Wood	W-21 through W-32	New or Reroof (Tear-Off)	Mechanically Attached Insulation, Bonded Roof Cover	19-24				
1-C	Wood	W-33 through W-36	New or Reroof (Tear-Off)	Mechanically Attached Base Insulation, Bonded Top Insulation, Bonded Roof Cover	25-26				
2-A	Steel	S-1 through S-12	New or Reroof (Tear-Off)	Mechanically Attached Insulation, Bonded Roof Cover	27-32				
2-B	Steel	S-13 through S-16	New or Reroof (Tear-Off)	Mechanically Attached Base Insulation, Bonded Top Insulation, Bonded Roof Cover	33-34				
2-C	Steel or Concrete	SC-1 through SC-36	New, Reroof (Tear-Off) or Recover	Mechanically Attached Insulation, Bonded Roof Cover	35-52				
2-D	Steel or Concrete	SC-37 through SC-72	New, Reroof (Tear-Off) or Recover	Mechanically Attached Base Insulation, Bonded Top Insulation, Bonded Roof Cover	53-70				
3-A	Steel or Concrete	SC-73 and SC-82	New or Reroof (Tear-Off)	Preliminarily Attached Insulation, Mechanically Attached Roof Cover	71-73				
3-B	Steel or Concrete	SC-83 through SC-94	New, Reroof (Tear-Off) or Recover	Preliminarily Attached Insulation, Mechanically Attached Roof Cover	73-76				
4	Concrete	C-1 through C-50	New or Reroof (Tear-Off)	Bonded Insulation, Bonded Roof Cover	76-98				

	TABLE 1-A: ELEVATE EPDM AND GENFLEX EPDM – NEW CONSTRUCTION, REROOF (Tear-Off) or RECOVER WOOD DECK, OPTIONAL BASE INSULATION, MECHANICALLY ATTACHED TOP INSULATION, BONDED ROOF COVER											
Assembly	Culturaturata	Base Insulation	on Layer (s)	Top Insulation	Layer (s)		Roof Cover					
No.	Substrate	Туре	Attach	Type Attach		Membrane	Attach					
1 (W-1)	Nominal 15/32" plywood	(O : N		Min. 1" ISOGARD HD	Elevate All- Purpose Fasteners and Elevate Insulation	RubberGard FR®, LS-FR®, Platinum®, MAX®, MAX FR® or EcoWhite®	Bonding Adhesive BA-2004 T applied at a rate of 45-60 ft²/gal or Water Based Bonding Adhesive-P applied at a rate of 100-120 ft²/gal or EPDM Solvent Free Bonding Adhesive applied at a rate of 150 ft²/gal.					
	over roof framing	layers, any	Loose laid		Fastening Plates	RubberGard EPDM SA or FullForce EPDM	Self-adhered					
2 (W-2)	space a maximum of 24" o.c.			Min. 1" GenFlex HD ISO	GenFast AP Fasteners and GenFast 3" Round Insulation Plates	GenFlex II FR EPDM, AFR EPDM, AFR, II FRM, II FRM-FR or FlexWhite EPDM	GenFlex All Purpose Bonding Adhesive applied at a rate of 45-60 ft²/gal or GenFlex Water Based Bonding Adhesive applied at a rate of 100-120 ft²/gal or GenFlex EPDM Solvent Free Bonding Adhesive applied at a rate of 150 ft²/gal.					
Docian Pro	Design Pressure (psf)				Insulat	tion Attachment						
Design Pre	ssure (pst)	Density (ft ² / fastener)		Parts per 4 x	4' board	Parts per 4 x 8' board						
0 < P <u>-</u>	<u><</u> -45.0	2.0)	8		16						

	TABLE 1-A (Continued): ELEVATE EPDM AND GENFLEX EPDM – NEW CONSTRUCTION, REROOF (Tear-Off) WOOD DECK, OPTIONAL BASE INSULATION, MECHANICALLY ATTACHED TOP INSULATION, BONDED ROOF COVER												
Assembly	Codentinata	Base Insulation	on Layer (s)	Top Insulation Layer (s)		Roof Cover							
No.	Substrate	Type Attach		Type Attach		Membrane	Attach						
3 (W-3)	Nominal 15/32"			Min. 0.25" DensDeck	Elevate Heavy-Duty Fasteners with Elevate Insulation	RubberGard FR®, LS- FR®, Platinum®, MAX®, MAX FR® or EcoWhite®	Bonding Adhesive BA-2004 T applied at a rate of 45-60 ft²/gal or Water Based Bonding Adhesive-P applied at a rate of 100-120 ft²/gal or EPDM Solvent Free Bonding Adhesive applied at a rate of 150 ft²/gal.						
	plywood over roof framing	(Optional) One or more layers, any combination	Loose laid		Fastening Plates	RubberGard EPDM SA or FullForce EPDM	Self-adhered						
4 (W-4)	space a maximum of 24" o.c.				GenFlex Heavy Duty Fasteners with GenFast 3" Round Insulation Plates	GenFlex II FR EPDM, AFR EPDM, AFR, II FRM, II FRM-FR or FlexWhite EPDM	GenFlex All Purpose Bonding Adhesive applied at a rate of 45-60 ft²/gal or GenFlex Water Based Bonding Adhesive applied at a rate of 100-120 ft²/gal or GenFlex EPDM Solvent Free Bonding Adhesive applied at a rate of 150 ft²/gal.						
Danimu D			•		In	sulation Attachment							
Design P	Design Pressure (psf)		Density (ft²/fastener)		per 4 x 4' board	Parts per 4 x 8' board							
0 < F	P <u><</u> -45.0	1.3	3		12	24							

	TABLE 1-A (Continued): ELEVATE EPDM AND GENFLEX EPDM – NEW CONSTRUCTION, REROOF (Tear-Off) WOOD DECK, OPTIONAL BASE INSULATION, MECHANICALLY ATTACHED TOP INSULATION, BONDED ROOF COVER												
Assembly	Coole at oak	Base Insulati	on Layer (s)	Top Insulation Layer (s)			Roof Cover						
No.	Substrate	Туре	Attach	Туре	Attach	Membrane	Attach						
5 (W-5)	Nominal 19/32"		Loose laid	Min. 0.5" DensDeck,	Elevate All- Purpose Fasteners with Elevate	RubberGard FR®, LS- FR®, Platinum®, MAX®, MAX FR® or EcoWhite®	Bonding Adhesive BA-2004 T applied at a rate of 45-60 ft²/gal or Water Based Bonding Adhesive-P applied at a rate of 100-120 ft²/gal or EPDM Solvent Free Bonding Adhesive applied at a rate of 150 ft²/gal.						
	plywood over roof framing	One or more layers, any combination		DensDeck Prime or SECUROCK	Insulation Fastening Plates	RubberGard EPDM SA or FullForce EPDM	Self-adhered						
6 (W-6)	space a maximum of 24" o.c.			Gypsum Fiber Roof Board	GenFast AP Fasteners with GenFast 3" Round Insulation Plates	GenFlex II FR EPDM, AFR EPDM, AFR, II FRM, II FRM-FR or FlexWhite EPDM	GenFlex All Purpose Bonding Adhesive applied at a rate of 45-60 ft²/gal or GenFlex Water Based Bonding Adhesive applied at a rate of 100-120 ft²/gal or GenFlex EPDM Solvent Free Bonding Adhesive applied at a rate of 150 ft²/gal.						
Decies De	(-		•	1	In	sulation Attachment							
Design Pro	essure (psf)	Density (ft ² / fastener)		Parts per 4 x 4' board		Parts per 4 x 8' board							
0 < P	<u><</u> -45.0	1.	6		10	20							

	TABLE 1-A (Continued): ELEVATE EPDM AND GENFLEX EPDM – NEW CONSTRUCTION or REROOF (Tear-Off) WOOD DECK, OPTIONAL BASE INSULATION, MECHANICALLY ATTACHED TOP INSULATION, BONDED ROOF COVER											
Assembly	Collectorete	Base Insulation Layer (s)		Top Insu	Top Insulation Layer (s)		Roof Cover					
No.	Substrate	Туре	Attach	Туре	Attach	Membrane	Attach					
7 (W-7)	Nominal 15/32"	(Optional) Min. 1" RESISTA or	Loose Laid	Min. 0.25"	Elevate All- Purpose Fasteners with Elevate Insulation	RubberGard FR®, LS-FR®, MAX®, MAX FR® or EcoWhite®	Bonding Adhesive BA-2004 T, Single-Ply LVOC Bonding Adhesive or Single-Ply LVOC Bonding Adhesive 1168 applied at a rate of 45-60 ft²/gal or Water Based Bonding Adhesive-P applied at a rate of 100-120 ft²/gal or EPDM Solvent Free Bonding Adhesive applied at a rate of 150 ft²/gal.					
	plywood over roof framing	ISO 95+ GL		SECUROCK Gypsum- Fiber Roof	Fastening Plates	RubberGard EPDM SA or FullForce EPDM	Self-adhered					
8 (W-8)	space a maximum of 24" o.c.	(Optional) Min. 1" Coated Glass Facer or GenFlex ISO Insulation	Loose Laid	Board	GenFast AP Fasteners with GenFast 3" Round Insulation Plates	GenFlex II FR EPDM, AFR EPDM, II FRM, FRM-FR or FlexWhite EPDM	GenFlex All Purpose Bonding Adhesive, GenFlex EPDM Bonding Adhesive LVOC or EZ TPO Bonding Adhesive LVOC 1168 applied at a rate of 45-60 ft²/gal or GenFlex Water Based Bonding Adhesive applied at a rate of 100-120 ft²/gal or GenFlex EPDM Solvent Free Bonding Adhesive applied at a rate of 150 ft²/gal.					
Design P	Design Pressure (psf)					nsulation Attachm	ient					
Design P	Design Pressure (pst)		ity (ft² / faste	ner)	Parts per 4 x 4' board		Parts per 4 x 8' board					
0 < F	P <u><</u> -45.0		1.6		10	0	20					

	TABLE 1-A (Continued): ELEVATE EPDM AND GENFLEX EPDM – NEW CONSTRUCTION or REROOF (Tear-Off) WOOD DECK, OPTIONAL BASE INSULATION, MECHANICALLY ATTACHED TOP INSULATION, BONDED ROOF COVER											
Assembly	Culturaturata	Base Insulation	Layer (s)	Top Insulation	on Layer (s)	Roof Cover						
No.	Substrate	Туре	Attach	Туре	Attach	Membrane	Attach					
9 (W-9)	Nominal 19/32" plywood	(Optional) Min. 1" RESISTA or ISO 95+ GL	Loose Laid	Min. 0.25" DensDeck	Elevate All- Purpose Fasteners with Elevate Insulation Fastening	RubberGard FR®, LS-FR®, MAX®, MAX FR® or EcoWhite®	Bonding Adhesive BA-2004 T, Single-Ply LVOC Bonding Adhesive or Single-Ply LVOC Bonding Adhesive 1168 applied at a rate of 45-60 ft²/gal or Water Based Bonding Adhesive-P applied at a rate of 100-120 ft²/gal or EPDM Solvent Free Bonding Adhesive applied at a rate of 150 ft²/gal.					
	over roof framing			Prime or SECUROCK Gypsum-Fiber	Plates	RubberGard EPDM SA or FullForce EPDM	Self-adhered					
10 (W-10)	space a maximum of 24" o.c.	(Optional) Min. 1" Coated Glass Facer or GenFlex ISO Insulation	Loose Laid	Roof Board	GenFast AP Fasteners with GenFast 3" Round Insulation Plates	GenFlex II FR EPDM, AFR EPDM, II FRM, FRM-FR or FlexWhite EPDM	GenFlex All Purpose Bonding Adhesive, GenFlex EPDM Bonding Adhesive LVOC or EZ TPO Bonding Adhesive LVOC 1168 applied at a rate of 45-60 ft²/gal or GenFlex Water Based Bonding Adhesive applied at a rate of 100-120 ft²/gal or GenFlex EPDM Solvent Free Bonding Adhesive applied at a rate of 150 ft²/gal.					
Design Pro	essure (psf)				Insulation	Insulation Attachment						
Design Fie	.33uie (p3i)	Dens	ity (ft² / faste	ener)	Parts per 4 x 4' board		Parts per 4 x 8' board					
0 < P	<u><</u> -45.0		2.13			8	15					

		E 1-A (Continued): EL ECK, OPTIONAL BASE						
Assembly	Culatuata	Base Insulation L	ayer (s)	Top Insula	tion Layer (s)	Roof Cover		
No.	Substrate	Туре	Attach	Туре	Attach	Membrane	Attach	
11 (W-11)	Nominal 7/16" OSB over roof	(Optional) Min. 1" RESISTA or ISO 95+ GL	Loose Laid	Min. 0.25" DensDeck Prime or SECUROCK	Elevate All-Purpose Fasteners with Elevate Insulation Fastening Plates	RubberGard FR®, LS-FR®, MAX®, MAX FR® or EcoWhite® RubberGard EPDM SA or	Bonding Adhesive BA-2004 T, Single-Ply LVOC Bonding Adhesive or Single-Ply LVOC Bonding Adhesive 1168 applied at a rate of 45-60 ft²/gal or Water Based Bonding Adhesive-P applied at a rate of 100-120 ft²/gal or EPDM Solvent Free Bonding Adhesive applied at a rate of 150 ft²/gal.	
	framing space			Gypsum-Fiber Roof Board		FullForce EPDM	Self-adhered	
12 (W-12)	a maximum of 24" o.c.	(Optional) Min. 1" Coated Glass Facer or GenFlex ISO Insulation	Loose Laid	- Koof Board	GenFast AP Fasteners with GenFast 3" Round Insulation Plates	GenFlex II FR EPDM, AFR EPDM, II FRM, FRM-FR or FlexWhite EPDM	GenFlex All Purpose Bonding Adhesive, GenFlex EPDM Bonding Adhesive LVOC or EZ TPO Bonding Adhesive LVOC 1168 applied at a rate of 45-60 ft²/gal or GenFlex Water Based Bonding Adhesive applied at a rate of 100- 120 ft²/gal or GenFlex EPDM Solvent Free Bonding Adhesive applied at a rate of 150 ft²/gal.	
Design Pressure (psf)					nsulation Attachmen	t		
		Densit	y (ft² / faste	ner)	Parts per 4 x	4' board	Parts per 4 x 8' board	
0 <	P <u><</u> -45.0		2.67		6		12	

	TABLE 1-A (Continued): ELEVATE EPDM AND GENFLEX EPDM – NEW CONSTRUCTION or REROOF (Tear-Off) WOOD DECK, OPTIONAL BASE INSULATION, MECHANICALLY ATTACHED TOP INSULATION, BONDED ROOF COVER												
Assembly	Substrate	Base Insulation Layer (s)		Top Insulation Layer (s)		Roof Cover							
No.		Туре	Attach	Type	Attach	Membrane	Attach						
13 (W-13)	Nominal	(Optional) Min. 0.5" RESISTA or ISO	Loose Laid		Elevate All-Purpose Fasteners with Elevate Insulation	RubberGard FR®, LS- FR®, MAX®, MAX FR® or EcoWhite®	Bonding Adhesive BA-2004 T, Single-Ply LVOC Bonding Adhesive or Single-Ply LVOC Bonding Adhesive 1168 applied at a rate of 45-60 ft ² /gal or EPDM Solvent Free Bonding Adhesive applied at a rate of 150 ft ² /gal.						
	15/32" plywood	95+ GL		Min. 0.25" DensDeck	Fastening Plates	RubberGard EPDM SA or FullForce EPDM	Self-adhered						
14 (W-14)	over roof framing space a maximum of 24" o.c.	(Optional) Min. 0.5" Coated Glass Facer or GenFlex ISO Insulation	Loose Laid	Prime	GenFast AP Fasteners with GenFast 3" Round Insulation Plates	GenFlex II FR EPDM, AFR EPDM, II FRM, FRM-FR or FlexWhite EPDM	GenFlex All Purpose Bonding Adhesive, GenFlex EPDM Bonding Adhesive LVOC or EZ TPO Bonding Adhesive LVOC 1168 applied at a rate of 45-60 ft ² /gal or GenFlex EPDM Solvent Free Bonding Adhesive applied at a rate of 150 ft ² /gal.						
Design Pre	essure (psf)				Ins	sulation Attachment							
Design Fre		Densit	y (ft² / fa	stener)	Parts per	4 x 4' board	Parts per 4 x 8' board						
0 < P	<u><</u> -45.0		1.78			9	18						

	TABLE 1-A (Continued): ELEVATE EPDM AND GENFLEX EPDM – NEW CONSTRUCTION or REROOF (Tear-Off) WOOD DECK, OPTIONAL BASE INSULATION, MECHANICALLY ATTACHED TOP INSULATION, BONDED ROOF COVER											
Assembly	Substrate	Base Insulation Layer (s)		Top Insulation Layer (s)		Roof Cover						
No.		Туре	Attach	Туре	Attach	Membrane	Attach					
15 (W-15)	Nominal	(Optional) Min. 1" RESISTA	Loose Laid	Min 0 25"	Elevate All- Purpose Fasteners with Elevate	RubberGard FR [®] , LS-FR [®] , MAX [®] , MAX FR [®] or EcoWhite [®]	Bonding Adhesive BA-2004 T, Single-Ply LVOC Bonding Adhesive or Single-Ply LVOC Bonding Adhesive 1168 applied at a rate of 45-60 ft²/gal or Water Based Bonding Adhesive-P applied at a rate of 100-120 ft²/gal or EPDM Solvent Free Bonding Adhesive applied at a rate of 150 ft²/gal.					
	19/32" plywood over roof framing space a maximum of 24" o.c.	or ISO 95+ GL		Min. 0.25" DensDeck Prime or SECUROCK	Insulation Fastening Plates	RubberGard EPDM SA or FullForce EPDM	Self-adhered					
16 (W-16)		(Optional) Min. 1" Coated Glass Facer or GenFlex ISO Insulation	Loose Laid	Gypsum- Fiber Roof Board	GenFast AP Fasteners with GenFast 3" Round Insulation Plates	GenFlex II FR EPDM, AFR EPDM, II FRM, FRM-FR or FlexWhite EPDM	GenFlex All Purpose Bonding Adhesive, GenFlex EPDM Bonding Adhesive LVOC or EZ TPO Bonding Adhesive LVOC 1168 applied at a rate of 45-60 ft²/gal or GenFlex Water Based Bonding Adhesive applied at a rate of 100-120 ft²/gal or GenFlex EPDM Solvent Free Bonding Adhesive applied at a rate of 150 ft²/gal.					
Design Pressure (psf)				·		Insulation Atta	achment					
Design Pre	essure (psi)	Density (ft ² / fastener)		stener)	Parts pe	er 4 x 4' board	Parts per 4 x 8' board					
0 < P	<u><</u> -45.0		2.13			8	15					

	TABLE 1-A (Continued): ELEVATE EPDM AND GENFLEX EPDM – NEW CONSTRUCTION or REROOF (Tear-Off) WOOD DECK, OPTIONAL BASE INSULATION, MECHANICALLY ATTACHED TOP INSULATION, BONDED ROOF COVER												
Assembly		Base Insulation I	То	p Insula	tion Layer (s)	Roof Cover							
No.	Substrate	Туре	Attach	Тур	pe	Attach	Membrane	Attach					
17 (W-17)	Nominal 15/32"	(Optional) Min. 1" RESISTA or	Loose Laid		- 11	Elevate All- Purpose Fasteners with Elevate Insulation	RubberGard FR®, LS-FR®, MAX®, MAX FR® or EcoWhite®	Bonding Adhesive BA-2004 T applied at a rate of 45-60 ft ² /gal or EPDM Solvent Free Bonding Adhesive applied at a rate of 150 ft ² /gal.					
	plywood over roof framing space a maximum	ISO 95+ GL		Min. 0.25" SECUROCK Gypsum-Fiber Roof Board		Fastening Plates	RubberGard EPDM SA or FullForce EPDM	Self-adhered					
18 (W-18)	of 24" o.c.	(Optional) Min. 1" Coated Glass Facer or GenFlex ISO Insulation	Loose Laid			GenFast AP Fasteners with GenFast 3" Round Insulation Plates	GenFlex II FR EPDM, AFR EPDM, II FRM, FRM-FR or FlexWhite EPDM	GenFlex All Purpose Bonding Adhesive applied at a rate of 45- 60 ft²/gal or GenFlex EPDM Solvent Free Bonding Adhesive applied at a rate of 150 ft²/gal.					
Docian	Pressure (psf)					Insulation Attac	chment						
Design	riessuie (psi)	Density (ft ²	² / fastene	er)	Parts per 4 x 4' board		Parts per 4 x 8' board						
0 -	< P <u><</u> -52.5	2.	13			8	15						

						PDM – NEW CONSTR		-	
Assembly		Base Insulation L		Top Insulation Layer (s)			Roof Cover		
No.	Substrate	Туре	Attach	Туре		Attach	Mem	brane	Attach
19 (W-19)	N : 145(22)	(Optional) Min. 1" RESISTA or ISO	Loose Laid		Elevate All- Purpose Fastener with Elevate		RubberGa LS-FR®, M MAX FR® EcoWhite	1AX [®] , or	Bonding Adhesive BA-2004 T applied at a rate of 45-60 ft²/gal or EPDM Solvent Free Bonding Adhesive applied at a rate of 150 ft²/gal.
	Nominal 15/32" plywood over roof framing space a	95+ GL			Min. 0.5" SECUROCK Gypsum-Fiber	Insulation Fastening Plates	RubberGa SA or Full EPDM		Self-adhered
20 (W-20)	maximum of 24" o.c.	(Optional) Min. 1" Coated Glass Facer or GenFlex ISO Insulation	Loose Laid	Roof Board		GenFast AP Fasteners with GenFast 3" Round Insulation Plates	GenFlex II AFR EPDN FRM-FR o FlexWhite	r	GenFlex All Purpose Bonding Adhesive applied at a rate of 45-60 ft²/gal or GenFlex EPDM Solvent Free Bonding Adhesive applied at a rate of 150 ft²/gal.
Docies	Proceuro (pef)		•		Insulation Attachn	<u> </u>			
Design Pressure (psf)		Density (ft ² / fastener)			Parts per 4 x 4' board		Parts per 4 x 8' board		
0	< P <u><</u> -67.5	1.7	78		9			18	

				ONSTRUCTION or REROOF (Tear-Off	·)				
	WC	OOD DECK, MI	ECHANICALLY ATTACHED INSULA Insulation Layer (s)	ATION, BONDED ROOF COVER Roof Cov	ver				
Assembly No.	Substrate	Туре	Attach	Membrane	Attach				
21 (W-21)	Nominal 15/32"	Min. 2" IS0 95+ GL	Elevate #12 Fasteners or Elevate All-Purpose Fasteners with Elevate Insulation Fastening	RubberGard FR®, LS-FR®, Platinum®, MAX®, MAX FR® or EcoWhite®	Bonding Adhesive BA-2004 T applied at a rate of 45-60 ft²/gal or EPDM Solvent Free Bonding Adhesive applied at a rate of 150 ft²/gal.				
	plywood over roof framing		Plates	RubberGard EPDM SA or FullForce EPDM	Self-adhered				
22 (W-22)	space a maximum of 24" o.c.	Min. 2" GenFlex ISO Insulation	GenFast #12 Fasteners or GenFast AP Fasteners with GenFast 3" Round Insulation Plates	GenFlex II FR EPDM, AFR EPDM, AFR, II FRM, II FRM-FR or FlexWhite EPDM	GenFlex All Purpose Bonding Adhesive applied at a rate of 45-60 ft²/gal or GenFlex EPDM Solvent Free Bonding Adhesive applied at a rate of 150 ft²/gal.				
Design Pressure		•	Insulation						
(psf)	Density (ft ² /	fastener)	Parts per	Parts per 4 x 8' board					
0 < P <u><</u> -45.0	1.78								

	TABLE 1-B (Continued): ELEVATE EPDM AND GENFLEX EPDM – NEW CONSTRUCTION or REROOF (Tear-Off) WOOD DECK, MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER											
Assembly			tion Layer (Roof Cover						
No.	Substrate	Туре	Att	ach	Membrane	Attach						
23 (W-23)	Nominal 15/32"	Min. 1.5" RESISTA Elevate All- Purpose Fasteners with Elevate Insulation		RubberGard FR®, LS-FR®, MAX®, MAX FR® or EcoWhite®	Bonding Adhesive BA-2004 T, Single-Ply LVOC Bonding Adhesive or Single-Ply LVOC Bonding Adhesive 1168 applied at a rate of 45-60 ft²/gal or Water Based Bonding Adhesive-P applied at a rate of 100-120 ft²/gal or EPDM Solvent Free Bonding Adhesive applied at a rate of 150 ft²/gal.							
	plywood over roof framing space a		Fastening Plates		RubberGard EPDM SA or FullForce EPDM	Self-adhered						
24 (W-24)	maximum of 24" o.c.	Min. 1.5" Coated Glass Facer	GenFast AP Fasteners with GenFast 3" Round Insulation Plates		GenFlex II FR EPDM, AFR EPDM, II FRM, FRM-FR or FlexWhite EPDM	GenFlex All Purpose Bonding Adhesive, GenFlex EPDM Bonding Adhesive LVOC or EZ TPO Bonding Adhesive LVOC 1168 applied at a rate of 45-60 ft²/gal or GenFlex Water Based Bonding Adhesive applied at a rate of 100-120 ft²/gal or GenFlex EPDM Solvent Free Bonding Adhesive applied at a rate of 150 ft²/gal.						
Docia	Design Pressure (psf)				Insulation .	Attachment						
Desig			fastener)	Parts per 4 x 4' board		Parts per 4 x 8' board						
0	0 < P <u><</u> -60.0		1.78		9	18						

	TABLE 1-B (C	-			LEX EPDM – NEW CONS CHED INSULATION, BO	STRUCTION or REROOF (Tear-Off) NDED ROOF COVER		
Assembly	Codestrata	Insulat	ion Layer (s)	Roof Cover			
No.	Substrate	Туре	Att	ach	Membrane	Attach		
25 (W-25)	Nominal 15/32"	ISOGARD HD		sulation	RubberGard FR®, LS-FR®, MAX®, MAX FR® or EcoWhite®	Bonding Adhesive BA-2004 T, Single-Ply LVOC Bonding Adhesive or Single-Ply LVOC Bonding Adhesive 1168 applied at a rate of 45-60 ft²/gal or Water Based Bonding Adhesive-P applied at a rate of 100-120 ft²/gal or EPDM Solvent Free Bonding Adhesive applied at a rate of 150 ft²/gal.		
	plywood over roof framing space a				RubberGard EPDM SA or FullForce EPDM	Self-adhered		
26 (W-26)	maximum of 24" o.c.	Min. 1.5" GenFlex HD ISO	GenFast AP Fasteners with GenFast 3" Round Insulation Plates		GenFlex II FR EPDM, AFR EPDM, II FRM, FRM-FR or FlexWhite EPDM	GenFlex All Purpose Bonding Adhesive, GenFlex EPDM Bonding Adhesive LVOC or EZ TPO Bonding Adhesive LVOC 1168 applied at a rate of 45-60 ft²/gal or GenFlex Water Based Bonding Adhesive applied at a rate of 100-120 ft²/gal or GenFlex EPDM Solvent Free Bonding Adhesive applied at a rate of 150 ft²/gal.		
Dasia	Duagous (not)				Insulation Att	achment		
Desig	Design Pressure (psf)		fastener)	Parts per 4 x 4' board		Parts per 4 x 8' board		
) < P <u><</u> -45.0	2.67		6		12		

		TABLE 1-B			GENFLEX EPDM – NEW ATTACHED INSULATION				
Assembly	C batasta	Insul	ation Layer (s)		Roof Cover				
No.	Substrate	Туре	Attach		Membrane		Attach		
27 (W-27)	Nominal 19/32" plywood	Min. 2" ISOGARD HD	Elevate All-Purpose Fasteners with Elevate Insulation		d FR®, LS-FR®, MAX®, MAX FR® or	Single-Ply LVO ft ² /gal or Wate	sive BA-2004 T, Single-Ply LVOC Bonding Adhesive or DC Bonding Adhesive 1168 applied at a rate of 45-60 er Based Bonding Adhesive-P applied at a rate of 100-EPDM Solvent Free Bonding Adhesive applied at a rate		
	over roof framing		Composite Fastening Plates		RubberGard EPDM SA or FullForce EPDM				
28 (W-28)	space a maximum of 24" o.c.	Min. 2" GenFlex HD ISO	GenFast AP Fasteners with GenFast 3" Round Insulation Plates		GenFlex II FR EPDM, AFR EPDM, II FRM, FRM-FR or FlexWhite EPDM		rpose Bonding Adhesive, GenFlex EPDM Bonding C or EZ TPO Bonding Adhesive LVOC 1168 applied at a t²/gal or GenFlex Water Based Bonding Adhesive te of 100-120 ft²/gal or GenFlex EPDM Solvent Free sive applied at a rate of 150 ft²/gal.		
Design B	roccuro (nof)				Insulation At	tachment			
Design Pi	Design Pressure (psf)		Density (ft² / fastener)	·	Parts per 4 x 4' board		Parts per 4 x 8' board		
0 < P	0 < P <u><</u> -45.0		1.33	12		24			

	TABLE 1-B (Continued): ELEVATE EPDM AND GENFLEX EPDM – NEW CONSTRUCTION or REROOF (Tear-Off) WOOD DECK, MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER												
Assembly	Substrate	Thermal Barrier		Base Insulation Layer (s)		Тор	Insulation Layer (s)	Roof Cover					
No.		Туре	Attach	Туре	Attach	Туре	Attach	Membrane	Attach				
29 (W-29)	Nominal 19/32" plywood over	pod over raming or Dens Deck				Min. 1.5" ISO 95+		Min. 0.5" ISOGARD	Elevate All-Purpose Fasteners with Elevate	RubberGard FR®, LS- FR®, Platinum®, MAX®, MAX FR® or EcoWhite®	Bonding Adhesive BA- 2004 T applied at a rate of 45-60 ft ² /gal.		
	roof framing space a		or Loose laid	GL	Loose laid	HD	Insulation Fastening Plates	RubberGard EPDM SA or FullForce EPDM	Self-adhered				
30 (W-30)	maximum of 24" o.c.			Min. 1.5" GenFlex ISO Insulation		Min. 0.5" GenFlex ISO Insulation	GenFast AP with GenFast 3" Round Insulation Plates	GenFlex II FR EPDM, AFR EPDM, AFR, II FRM, II FRM-FR or FlexWhite EPDM	GenFlex All Purpose Bonding Adhesive applied at a rate of 45-60 ft²/gal.				
D			•	1			Insulation Attachment						
Design	Design Pressure (psf)	Density (ft ² / fastener)				F	Parts per 4 x 4' board	Parts per 4 x 8' board					
0 <	0 < P <u><</u> -45.0			1.78			9	18					

	TABLE 1-B (Continued): ELEVATE EPDM AND GENFLEX EPDM – NEW CONSTRUCTION or REROOF (Tear-Off) WOOD DECK, MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER												
Assembly	Substrat	Thermal Barrier		Base Insulation Layer (s)		Top In	sulation Layer (s)	Roof Cover					
No.	e	Туре	Attach	Туре	Attach	Туре	Attach	Mem	brane	Attach			
31 (W-31)	Nominal 19/32"	Min. 0.25"		Min. 1.5" ISO 95+ GL		Min. 1" ISOGARD HD	Elevate All-Purpose Fasteners with Elevate Insulation	RubberG LS-FR®, Platinum MAX®, M or EcoW	ı®, MAX FR®	Bonding Adhesive BA-2004 T or Single-Ply LVOC Bonding Adhesive applied at a rate of 45-60 ft²/gal or Water Based Bonding Adhesive-P applied at a rate of 100-120 ft²/gal.			
, ,	plywood over roof framing space a		Loose laid		Loose laid	Composite	Fastening Plates	RubberG EPDM SA FullForce	A or	Self-adhered			
32 (W-32)	maximu m of 24"	Prime		Min. 1.5" GenFlex ISO Insulation		Min. 1" GenFlex HD Composite ISO	X Fasteners with		II FR FR FR, II RM-FR 'hite	GenFlex All Purpose Bonding Adhesive or GenFlex EPDM Bonding Adhesive LVOC applied at a rate of 45-60 ft²/gal or GenFlex Water Based Bonding Adhesive applied at a rate of 100-120 ft²/gal.			
Docien Dro	econe (pcf)		•	ı	•	1	Insulation Attachme	n Attachment					
Design Pre	Design Pressure (psf)		Density (ft ² / fastener)				Parts per 4 x 4' board		Parts per 4 x 8' board				
0 < P <u><</u>	0 < P <u><</u> -45.0		4.0				4			8			

	,						NSTRUCTION or I		F (Tear-Off) ONDED ROOF COVE	R	
Assembly	Substrate	Thermal	Barrier	Base Insula	tion Layer (s)	Top Ir	nsulation Layer (s))	Ro	oof Cover	
No.	Substrate	Type	Attach	Туре	Attach	Туре	Attach		Membrane	Attach	
33 (W-33)	Nominal	Min. 0.25" vood r roof oing	Min. 0.25" wood or roof or DensDeck or Loose		Min. 1.5" ISO 95+ GL	Elevate All- Purpose Fasteners with Elevate Insulation	Min. 0.5" ISOGARD HD	Elevate I.S.O. Twi Pack Adhesive applied in ½"-¾ wide ribbons spa 12" o.c. or Elevate I.S.O. Stic Adhesive or Elev	aced	RubberGard FR®, LS-FR®, LS-FR PT®, Platinum®, MAX®, MAX FR®, MAX PT® or EcoWhite®	Bonding Adhesive BA- 2004 T or Single-Ply LVOC Bonding Adhesive applied at a rate of 45- 60ft ² /gal or Water Based Bonding Adhesive-P applied at a rate of 100- 120 ft ² /gal.
	Nominal 19/32" plywood over roof framing				Fastening Plates		I.S.O. FIX II Adhe applied in 3/4"-1" ribbons spaced o.c.	esive " wide	RubberGard EPDM SA or FullForce EPDM	Self-adhered	
34 (W-34)	space a maximum of 24" o.c.	DensDeck Prime		Min. 1.5" GenFlex ISO Insulation	GenFast AP Fasteners with GenFast 3" Round Insulation Plates	Min. 0.5" GenFlex HD ISO	OlyBond 500 app in ½"-¾" wide ribbons spaced o.c. or GenFlex One Ste Insulation Adhes GenFlex I.S.O. Fl Adhesive applied ¾"-1" wide ribbo spaced 12" o.c.	12" ep sive or X II d in	GenFlex II FR EPDM, AFR EPDM, AFR PT, AFR, II FRM, II FRM-FR, II FRM PT or FlexWhite EPDM	GenFlex All Purpose Bonding Adhesive or GenFlex EPDM Bonding Adhesive LVOC applied at a rate of 45-60 ft²/gal or GenFlex Water Based Bonding Adhesive applied at a rate of 100- 120 ft²/gal.	
Dasiere De	occurs (not)		•	•		Insulation	Attachment	1			
Design Pro	essure (psf)	De	nsity (ft² /	fastener)	Pa	arts per 4 x 4	' board		Parts per 4	x 8' board	
0 < P	<u><</u> -45.0		1.0			16			32		

			-	•			ISTRUCTION or REROOF (Te	-		
Assembly	6 1 1 1 1 1	Therma	l Barrier	Base I	nsulation Layer (s)	Тор	Insulation Layer (s)	Ro	oof Cover	
No.	Substrate	Туре	Attach	Туре	Attach	Туре	Attach	Membrane	Attach	
35 (W-35)	Nominal 19/32" plywood	ominal /32" /wood Min. 0.5"	Elevate All- Purpose Fasteners with Elevate Insulation Fastening Plates	First Layer: Min. 1.5" ISO 95+ GL Second Layer (Optional): Min. 1.5" ISO 95+ GL	Elevate I.S.O. Twin Pack Adhesive applied in ½"- ¾" wide ribbons spaced 12" o.c. or Elevate I.S.O. Stick Adhesive or Elevate I.S.O. FIX II Adhesive applied in ¾"-1" wide ribbons spaced 12" o.c.	Min. 0.25"	Elevate I.S.O. Twin Pack Adhesive applied in ½"-¾" wide ribbons spaced 12" o.c. or Elevate I.S.O. Stick Adhesive or Elevate I.S.O. FIX II Adhesive applied in ¾"-1" wide ribbons spaced 12" o.c.	RubberGard FR®, LS-FR®, LS-FR PT®, Platinum®, MAX®, MAX FR®, MAX PT® or EcoWhite®	Bonding Adhesive BA-2004 T or Single-Ply LVOC Bonding Adhesive applied at a rate of 45-60 ft²/gal or Water Based Bonding Adhesive- P applied at a rate of 100-120 ft²/gal.	
	over roof framing	or		First Lavor		DensDeck Prime		FullForce EPDM		
36 (W-36)	space a maximum of 24" o.c.	DensDeck Prime	GenFast AP Fasteners with GenFast 3" Round Insulation Plates	First Layer: Min. 1.5" GenFlex ISO Insulation Second Layer (Optional): Min. 1.5" GenFlex ISO Insulation	OlyBond 500 applied in 1/2"-3/4" wide ribbons spaced 12" o.c. or GenFlex Optional): Min. 1.5" GenFlex Optional): Min. 1.5" GenFlex SO OlyBond 500 applied in 1/2"-3/4" wide ribbons spaced 12" o.c. or GenFlex One Step Insulation Adhesive or GenFlex I.S.O. FIX II Adhesive applied in 3/4"-1" wide ribbons spaced 12" o.c.		OlyBond 500 applied in ½"-¾" wide ribbons spaced 12" o.c. or GenFlex One Step Insulation Adhesive or GenFlex I.S.O. FIX II Adhesive applied in ¾"-1" wide ribbons spaced 12" o.c.	GenFlex II FR EPDM, AFR EPDM, AFR PT, AFR, II FRM, II FRM- FR, II FRM PT or FlexWhite EPDM	GenFlex All Purpose Bonding Adhesive or GenFlex EPDM Bonding Adhesive LVOC applied at a rate of 45-60 ft²/gal or GenFlex Water Based Bonding Adhesive applied at a rate of 100-120 ft²/gal.	
Design Pro	essure (psf)				Insul	ation Attachi	ment			
Design Pre	essure (psi)	Den	sity (ft² / fas	tener)	Parts per 4 x 4' b	oard	Parts per 4 x 8' board			
0 < P	<u><</u> -45.0		2.0		8		16			

	TABLE 2-A: ELEVATE EPDM AND GENFLEX EPDM – NEW CONSTRUCTION or REROOF (Tear-Off) STEEL DECK, MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER											
Assembly	Cook atmata	Base Insulation	on Layer (s)	Top Ins	Roof Cover							
No.	Substrate	Type Attach		Туре	Attach	Membrane		Attach				
37 (S-1)	Min. 22 ga., Type	(Optional)		Min. 1.5" ISO 95+ GL	Elevate #12 Fasteners with Elevate Insulation Fastening Plates		d FR®, LS-FR®, MAX®, MAX White®	Water Based Bonding Adhesive-P applied at a rate of 100-120 ft ² /gal.				
38 (S-2)	B, Grade 33 steel max 6' spans	One or more layers, any combination	Loose laid	Min. 1.5" GenFlex ISO Insulation	GenFast #12 Fasteners with GenFast 3" Round Insulation Plates	GenFlex II I EPDM, AFR FRM-FR or EPDM		GenFlex Water Based Bonding Adhesive applied at a rate of 100-120 ft ² /gal.				
D D			•		Insulation Atta	chment						
Design Pre	essure (psf)	De	nsity (ft² / fa	stener)	Parts per 4 x 4' boa	rd		Parts per 4 x 8' board				
0 < P	<u><</u> -45.0	2.67			6		12					

	TABLE 2-A (Continued): ELEVATE EPDM AND GENFLEX EPDM – NEW CONSTRUCTION or REROOF (Tear-Off) STEEL DECK, MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER												
Assembly	Carlo atmata	Base Insulation	Base Insulation Layer (s)		Top Insulation Layer (s)		Roof Cover						
No.	Substrate	Туре	Attach	Туре	Attach		Membrane	Attach					
39	Min. 22			Min. 1.5" ISO 95+	Elevate #12 Fasteners with Elevate Insulation		RubberGard FR®, LS-FR®, Platinum®, MAX®, MAX FR or EcoWhite®	Bonding Adhesive BA-2004 T applied at a rate of 45-60 ft²/gal or EPDM Solvent Free Bonding Adhesive applied at a rate of 150 ft²/gal.					
(5-3)	(S-3) ga., Type B, Grade 33 steel	One or more	more Loose laid		Fastening Plates		RubberGard EPDM SA or FullForce EPDM	Self-adhered					
40 (S-4)	max 6' spans			Min. 1.5" GenFlex ISO Insulation	GenFast #12 Faste with GenFast 3" Ro Insulation Plates		GenFlex II FR EPDM, AFR EPDM, AFR, II FRM, II FRM FR or FlexWhite EPDM	GenFlex All Purpose Bonding Adhesive applied at a rate of 45-60 ft ² /gal or GenFlex EPDM Solvent Free Bonding Adhesive applied at a rate of 150 ft ² /gal.					
Danima Dua						<u>l</u>	nsulation Attachment						
Design Pre	essure (psf)	De	Density (ft ² / fastener)			Parts per 4 x 4' board		Parts per 4 x 8' board					
0 < P	<u><</u> -60.0		1.78			•	9	18					

	TABLE 2-A (Continued): ELEVATE EPDM AND GENFLEX EPDM – NEW CONSTRUCTION or REROOF (Tear-Off) STEEL DECK, MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER											
Assembly	Collecturate	Base Insulation	on Layer (s)	Тор	Insulation Layer (s)	Roof Cover						
No.	Substrate	Туре	ype Attach Type		Attach	Membrane		Attach				
41 (S-5)	Min. 22 ga., Type B, Grade	(Optional) One or more	ne or more		Elevate All-Purpose Fasteners with Elevate Insulation Fastening Plates		rd FR®, LS-FR®, MAX®, MAX White®	Water Based Bonding Adhesive-P applied at a rate of 100-120 ft ² /gal.				
42 (S-6)	33 steel max 6'		Loose laid I loose laid I		GenFast AP Fasteners with GenFast 3" Round Insulation Plates	GenFlex II FR EPDM, AFR EPDM, AFR, II FRM, II FRM- FR or FlexWhite EPDM		GenFlex Water Based Bonding Adhesive applied at a rate of 100- 120 ft²/gal.				
- · -					Insulation Atta	tachment						
Design Pre	Design Pressure (psf)		ty (ft² / faste	ner)	Parts per 4 x 4' board		Parts per 4 x 8' board					
0 < P <u><</u>	0 < P <u><</u> -45.0		4.0		4		8					

	TABLE 2-A (Continued): ELEVATE EPDM AND GENFLEX EPDM – NEW CONSTRUCTION, REROOF (Tear-Off) STEEL DECK, MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER												
Assembly	Cook atmata	Base Insula	ation Layer (s)	Top Insula	tion Layer (s)	Roof Cover							
No.	Substrate	Туре	Attach	Туре	Attach	Memb	rane	Attach					
43 (S-7)	Min. 1.5' Min. 22 ISO 95+			Min. 0.5" ISOGARD HD (Not to exceed max. 1"	Elevate All- Purpose Fasteners with Elevate	RubberGard FR®, LS-FR®, LS-FR PT®, Platinum®, MAX®, MAX FR®, MAX PT® or EcoWhite®		Bonding Adhesive BA-2004 T applied at a rate of 45-60 ft²/gal or EPDM Solvent Free Bonding Adhesive applied at a rate of 150 ft²/gal					
	ga., Type B, Grade	de	Loose laid	in recover applications)	Insulation Fastening Plates	RubberGard EPDM SA or FullForce EPDM		Self-adhered					
44 (S-8)	33 steel max 6' Min. 1 GenFl ISO Insula			Min. 0.5" GenFlex HD ISO (Not to exceed max. 1" in recover applications)	GenFast AP Fasteners with GenFast 3" Round Insulation Plates	GenFlex II FR EPDM, AFR EPDM, AFR PT, AFR, II FRM, II FRM-FR, II FRM PT or FlexWhite EPDM		GenFlex All Purpose Bonding Adhesive applied at a rate of 45-60 ft ² /gal or GenFlex EPDM Solvent Free Bonding Adhesive applied at a rate of 150 ft ² /gal.					
Dasiem Due	Design Pressure (psf)			1	Insulati	on Attachment							
Design Pre			ensity (ft² / fas	tener)	Parts per 4 x 4' board		Parts per 4 x 8' board						
0 < P	0 < P <u><</u> -45.0		2.7		6		12						

		TABL	-	ntinued) ELEVATE EPDM AND GENFL STEEL DECK, MECHANICALLY ATTAC			OF (Tear-Off)		
Assembly	Substrate	Base Insulation Layer (s)		Top Insulation I	_ayer (s)	Roof Cover			
No.		Туре	Attach	Туре	Attach	Mem	brane	Attach	
45 (S-9)	Min. 22 ga., Type B, Grade	Min. 1"		Loose	HailGard, RESISTA, DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or OSB (APA rated)	Elevate Heavy Duty Fasteners with Elevate Insulation Fastening Plates	RubberGard FF FR PT [®] , Platinu MAX FR [®] , MAX EcoWhite [®]	m®, MAX®,	EPDM Solvent Free Bonding Adhesive applied at a rate of 150 ft ² /gal.
46 (S-10)	80 steel max 6' spans	ISO 95+ laid		GenFlex HailGard, Coated Glass Facer, DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or OSB (APA rated)	GenFlex Heavy Duty Fasteners with GenFast 3" Round Insulation Plates	GenFlex II FR E EPDM, AFR PT, FRM-FR, II FRM FlexWhite EPDI	AFR, II FRM, II I PT or	GenFlex EPDM Solvent Free Bonding Adhesive applied at a rate of 150 ft ² /gal.	
Daging Dr	(-				Insulation Attachment	nt			
Design Pre	Design Pressure (psf)		De	nsity (ft² / fastener)	Parts per 4 x 4' board		Parts per 4 x 8' board		
0 < P	0 < P <u><</u> -60.0			1.0	16		32		

TABLE 2-A (Continued): ELEVATE EPDM AND GENFLEX EPDM – NEW CONSTRUCTION or REROOF (Tear-Off) STEEL DECK, MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER										
Assembly No.	Substrate	Base Insulation Layer (s)		Top Insulation Layer (s)		Roof Cover				
		Туре	Attach	Туре	Attach		Membrane	Attach		
47 (S-11)	Min. 22 ga., Type B, Grade	Min. 1"	Loose	ISO 95+ GL, ISOGARD HD or ISOGARD HD Composite	Elevate Heavy Duty Fasteners with Elevate Insulation Fastening Plates	RubberGard FR®, LS-FR®, LS-FR PT®, Platinum®, MAX®, MAX FR®, MAX PT® or EcoWhite		EPDM Solvent Free Bonding Adhesive applied at a rate of 150 ft²/gal.		
48 (S-12)	80 steel max 6' spans	ISO 95+ GL	l laid	GenFlex ISO Insulation, GenFlex HD ISO or GenFlex HD Composite ISO	GenFlex Heavy Duty Fasteners with GenFast 3" Round Insulation Plates	GenFlex II FR EPDM, AFR EPDM, AFR PT, AFR, II FRM, II FRM-FR, II FRM PT or FlexWhite EPDM		GenFlex EPDM Solvent Free Bonding Adhesive applied at a rate of 150 ft²/gal.		
Design Pressure (psf)		Insulation Atta					chment			
			Densit	y (ft² / fastener)	Parts per 4 x 4' board		Parts per 4 x 8' board			
0 < P <u><</u> -45.0		1.0			16		32			

	TABLE 2-B: ELEVATE EPDM AND GENFLEX EPDM - NEW CONSTRUCTION or REROOF (Tear-Off) STEEL DECK, MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER										
Assembly	Substrate	Base Insul	ation Layer (s)	Top Insulation Layer (s)		Roof Cover					
No.		Туре	Attach	Туре	Attach	Membrane	Attach				
49	Min. 22 ga., Type B, Grade 33	Min. 2" ISO 95+ GL	Elevate All- Purpose Fasteners with Elevate Insulation Fastening Plates	Min. 0.5" ISO 95+ GL or RESISTA followed by ISOGARD HD	Elevate I.S.O. Twin Pack Adhesive applied in ½"-¾" wide ribbons spaced 12" o.c. or Elevate I.S.O. Stick Adhesive or Elevate I.S.O. FIX II Adhesive applied in ¾"-1" wide ribbons spaced 12" o.c.	RubberGard FR®, LS-FR®, MAX®, MAX FR® or EcoWhite®	Bonding Adhesive BA-2004 T, Single-Ply LVOC Bonding Adhesive or Single-Ply LVOC Bonding Adhesive 1168 applied at a rate of 45-60 ft²/gal or Water Based Bonding Adhesive-P applied at a rate of 100-120 ft²/gal or EPDM Solvent Free Bonding Adhesive applied at a rate of 150 ft²/gal.				
(S-13)						RubberGard EPDM SA or FullForce EPDM	Self-adhered				
50 (S-14)	steel max 6' spans	Min. 2" GenFlex ISO Insulation	GenFast AP Fasteners with GenFast 3" Round Insulation Plates	Min. 0.5" GenFlex ISO Insulation or Coated Glass Facer followed by GenFlex HD ISO	OlyBond 500 applied in ½"-¾" wide ribbons spaced 12" o.c. or GenFlex One Step Insulation Adhesive or GenFlex I.S.O. FIX II Adhesive applied in ¾"-1" wide ribbons spaced 12" o.c.	GenFlex II FR EPDM, AFR EPDM, II FRM, FRM-FR or FlexWhite EPDM	GenFlex All Purpose Bonding Adhesive, GenFlex EPDM Bonding Adhesive LVOC or EZ TPO Bonding Adhesive LVOC 1168 applied at a rate of 45-60 ft²/gal or GenFlex Water Based Bonding Adhesive applied at a rate of 100-120 ft²/gal or GenFlex EPDM Solvent Free Bonding Adhesive applied at a rate of 150 ft²/gal.				
Design Pr	Design Pressure (psf)			<u> </u>	Insulation Attachment		T				
		Density (ft ² / faste		ener)	Parts per 4 x 4'	board	Parts per 4 x 8' board				
0 < P <u><</u> -67.5		1.78			9		18				

TABLE 2-B (Continued): ELEVATE EPDM AND GENFLEX EPDM - NEW CONSTRUCTION or REROOF (Tear-Off) STEEL DECK, MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER										
Assembly No.	Substrate	Base Ins	ulation Layer (s)	Top Ins	ulation Layer (s)	Roof Cover				
		Туре	Attach	Туре	Attach	М	embrane	Attach		
51 (S-15)	Min. 22 ga., Type B, Grade — 33 max 6'	Min. 1.5" ISO 95+ GL	Elevate All-Purpose Fasteners with Elevate Insulation Fastening Plates	Min. 0.5" ISOGARD HD	Elevate I.S.O. Twin Pack Adhesive applied in ½"-¾" wide ribbons spaced	RubberGard FR®, LS- FR®, LS-FR PT®, Platinum®, MAX®, MAX FR®, MAX PT® or EcoWhite®		Bonding Adhesive BA-2004 T applied at a rate of 45-60 ft²/gal or EPDM Solvent Free Bonding Adhesive applied at a rate of 150 ft²/gal		
					12" o.c.		Gard EPDM SA orce EPDM	Self-adhered		
52 (S-16)	spans	Min. 1.5" GenFlex ISO Insulation	GenFast AP Fasteners with GenFast 3" Round Insulation Plates	Min. 0.5" GenFlex HD ISO	OlyBond 500 applied in ½"-¾" wide ribbons spaced 12" o.c.	GenFlex II FR EPDM, AFR EPDM, AFR PT, AFR, II FRM, II FRM-FR, II FRM PT or FlexWhite EPDM		GenFlex All Purpose Bonding Adhesive applied at a rate of 45-60 ft²/gal or GenFlex EPDM Solvent Free Bonding Adhesive applied at a rate of 150 ft²/gal.		
Design Pressure (psf)					Insulation Attachment		it			
		Den	sity (ft² / fastener)		Parts per 4 x 4' board			Parts per 4 x 8' board		
0 < P <u><</u> -45.0			2		8		16			

	TABLE 2-C: ELEVATE EPDM AND GENFLEX EPDM – NEW CONSTRUCTION, REROOF (Tear-Off) or RECOVER STEEL or CONCRETE DECK, MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER										
Assembly No.	Substrate	Base Insulation Layer (s)		Top Insulation Layer (s)		Roof Cover					
		Туре	Attach	Туре	Attach	Membrane	Attach				
53 (SC-1)	Min. 22	Min. 1.5" ISO 95+		Min. 1" ISOGARD HD Composite Or Max. 1" ISOGARD HD Composite (Steel - Recover)	Elevate Heavy-Duty Fasteners or Concrete Drive Fasteners with Elevate Insulation Fastening Plates (Concrete) Or Elevate All-Purpose Fasteners with Elevate Insulation Fastening Plates (Steel)	RubberGard FR [®] , LS-FR [®] , LS-FR PT [®] , Platinum [®] , MAX [®] , MAX FR [®] , MAX PT [®] or EcoWhite [®]	Bonding Adhesive BA-2004 T or Single-Ply LVOC Bonding Adhesive applied at a rate of 45-60 ft²/gal or Water Based Bonding Adhesive-P applied at a rate of 100-120 ft²/gal.				
	ga., Type B, Grade 33 steel max		Loose laid			RubberGard EPDM SA or FullForce EPDM	Self-adhered				
54 (SC-2)	6' spans or structural concrete	Min. 1.5" GenFlex ISO Insulation		Min. 1" GenFlex HD Composite ISO Or Max. 1" GenFlex HD Composite ISO (Steel – Recover)	GenFlex Heavy Duty Fasteners or GenFast Concrete Drive Fasteners with GenFast 3" Round Insulation (Concrete) Or GenFast AP Fasteners with GenFast 3" Round Insulation Plates (Steel)	GenFlex II FR EPDM, AFR EPDM, AFR PT, AFR, II FRM, II FRM-FR, II FRM PT or FlexWhite EPDM	GenFlex All Purpose Bonding Adhesive or GenFlex EPDM Bonding Adhesive LVOC applied at a rate of 45-60 ft²/gal or GenFlex Water Based Bonding Adhesive applied at a rate of 100-120 ft²/gal.				
Design Pressure (psf)					Insulation Attachmen	ent					
		Density (ft ²		/ fastener)	Parts per 4 x 4' board		Parts per 4 x 8' board				
0 < P <u><</u> -45.0		4.0		0	4		8				

	TABLE 2-C (Continued): ELEVATE EPDM AND GENFLEX EPDM – NEW CONSTRUCTION, REROOF (Tear-Off) or RECOVER STEEL or CONCRETE DECK, MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER										
Assembly	Substrate	Base Insulation	Layer (s)		Top Insulation Layer (s)	Roof Cover					
No.		Туре	Attach	Туре	Attach	Membrane	Attach				
55 (SC-3)	Min. 22 ga., Type B, - Grade 33	Min. 1.0" ISO 95+ GL or RESISTA followed by min. 1.5" ISO 95+ GL or RESISTA	Loose laid	Min. 0.5" FiberTop E	Elevate All-Purpose Fasteners or Elevate Heavy-Duty Fasteners with Elevate Insulation Fastening Plates	RubberGard FR®, LS-FR®, LS-FR PT®, Platinum®, MAX®, MAX FR®, MAX PT® or EcoWhite®	Bonding Adhesive BA-2004 T or Single-Ply LVOC Bonding Adhesive applied at a rate of 45-60 ft²/gal or Water Based Bonding Adhesive-P applied at a rate of 100-120 ft²/gal.				
						RubberGard EPDM SA or FullForce EPDM	Self-adhered				
56 (SC-4)	steel max 6' spans or structural concrete	Min. 1.0" GenFlex ISO Insulation or Coated Glass Facer followed by min. 1.5" GenFlex ISO Insulation or Coated Glass Facer			GenFast AP Fasteners or GenFlex Heavy Duty Fasteners with GenFast 3" Round Insulation Plates	GenFlex II FR EPDM, AFR EPDM, AFR PT, AFR, II FRM, II FRM-FR, II FRM PT or FlexWhite EPDM	GenFlex All Purpose Bonding Adhesive or GenFlex EPDM Bonding Adhesive LVOC applied at a rate of 45-60 ft²/gal or GenFlex Water Based Bonding Adhesive applied at a rate of 100-120 ft²/gal.				
Davies De			I	1	Insulation Attachment		,				
Design Pressure (psf)		Density	(ft² / fastene	er)	Parts per 4 x 4' board	Parts per 4 x 8' board					
0 < P <u><</u> -45.0		2.0			8		16				

	TABLE 2-C (Continued): ELEVATE EPDM AND GENFLEX EPDM – NEW CONSTRUCTION, REROOF (Tear-Off) or RECOVER STEEL or CONCRETE DECK, MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER											
Assembly	Codestructo	Base Insulation Layer (s)			Top Insulation Layer (s)		Roof Cover					
No.	Substrate	Туре	Attach	Туре	Attach	Membrane	Attach					
57 (SC-5)	Min. 22 ga., Type B, Grade 33	ype B, 2 33 max ns (Optional) One or more layers	layers, Loose laid	Min. 1.25" ISO 95+ GL	Elevate All-Purpose Fasteners with Elevate Insulation Fastening Plates (Steel) Or Elevate Heavy-Duty Fasteners or Concrete Drive Fasteners with Elevate Insulation Fastening Plates (Concrete)	RubberGard FR®, LS-FR®, LS-FR PT®, Platinum®, MAX®, MAX FR®, MAX PT® or EcoWhite®	Bonding Adhesive BA-2004 T, Single- Ply LVOC Bonding Adhesive or Single- Ply LVOC Bonding Adhesive 1168 applied at a rate of 45-60 ft ² /gal or Water Based Bonding Adhesive-P applied at a rate of 100-120 ft ² /gal.					
	steel max 6' spans (New) or					RubberGard EPDM SA or FullForce EPDM	Self-adhered					
58 (SC-6)	structural concrete (New or Recover)	any combination		Min. 1.25" GenFlex ISO Insulation	GenFast AP Fasteners with GenFast 3" Round Insulation Plates (Steel) Or GenFlex Heavy Duty Fasteners or GenFast Concrete Drive Fasteners with GenFast 3" Round Insulation (Concrete)	GenFlex II FR EPDM, AFR EPDM, AFR PT, AFR, II FRM, II FRM-FR, II FRM PT or FlexWhite EPDM	GenFlex All Purpose Bonding Adhesive, GenFlex EPDM Bonding Adhesive LVOC or EZ TPO Bonding Adhesive LVOC 1168 applied at a rate of 45-60 ft ² /gal or GenFlex Water Based Bonding Adhesive applied at a rate of 100-120 ft ² /gal.					
D D.			•	•	Insulation Attachment							
Design Pr	essure (psf)	Density	(ft² / fasten	er)	Parts per 4 x 4' board		Parts per 4 x 8' board					
0 < P	<u><</u> -45.0	2.7			6		12					

	TABLE 2-C (Continued): ELEVATE EPDM AND GENFLEX EPDM – NEW CONSTRUCTION, REROOF (Tear-Off) or RECOVER STEEL or CONCRETE DECK, MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER											
Assembly	Cultatuata	Base Insula	tion Layer (s)		Top Insulation Layer (s)		Roof Cover					
No.	Substrate	Туре	Attach	Туре	Attach	Membrane	Attach					
59 (SC-7)	Min. 22 ga.,	Min. 1.5" ISO 95+ GL or			Elevate All-Purpose Fasteners or Elevate Heavy-Duty Fasteners with	RubberGard FR®, LS-FR®, LS-FR PT®, Platinum®, MAX®, MAX FR®, MAX PT® or EcoWhite®	Bonding Adhesive BA-2004 T or Single-Ply LVOC Bonding Adhesive applied at a rate of 45-60 ft ² /gal.					
	Min. 22 ga., Type B, Grade 33 steel max	Type B, Grade 33 steel max	RESISTA	Loose laid	Min. 0.25" DensDeck	Elevate Insulation Fastening Plates	RubberGard EPDM SA or FullForce EPDM	Self-adhered				
60 (SC-8)	6' spans or structural concrete	Min. 1.5" GenFlex ISO Insulation or Coated Glass Facer		Prime	GenFast AP Fasteners or GenFlex Heavy Duty Fasteners with GenFast 3" Round Insulation Plates	GenFlex II FR EPDM, AFR EPDM, AFR PT, AFR, II FRM, II FRM-FR, II FRM PT or FlexWhite EPDM	GenFlex All Purpose Bonding Adhesive or GenFlex EPDM Bonding Adhesive LVOC applied at a rate of 45-60 ft ² /gal.					
Davies De	Design Pressure (psf)				Insulation Attachmer	nt	,					
Design Pr			ensity (ft² / fas	tener)	Parts per 4 x 4' board		Parts per 4 x 8' board					
0 < P	0 < P <u><</u> -45.0		1.8		9		18					

	TABLE 2-C (Continued): ELEVATE EPDM AND GENFLEX EPDM – NEW CONSTRUCTION, REROOF (Tear-Off) or RECOVER STEEL or CONCRETE DECK, MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER											
Assembly	C hataata	Base Insulation Layer (s)		T	Top Insulation Layer (s)		Roof Cover					
No.	Substrate	Туре	Attach	Туре	Attach	Membrane	Attach					
61 (SC-9)	Min. 22 ga.,	Min. 1.5" ISO 95+ GL or		Min. 0.5" ISOGARD HD	Elevate All-Purpose Fasteners or Elevate Heavy-Duty Fasteners with	RubberGard FR®, LS-FR®, LS-FR PT®, Platinum®, MAX®, MAX FR®, MAX PT® or EcoWhite®	Bonding Adhesive BA-2004 T or Single-Ply LVOC Bonding Adhesive applied at a rate of 45-60 ft ² /gal.					
	Type B, Grade 33 steel max	RESISTA	Loose laid		Elevate Insulation Fastening Plates	RubberGard EPDM SA or FullForce EPDM	Self-adhered					
62 (SC-10)	6' spans or structural concrete	Min. 1.5" GenFlex ISO Insulation or Coated Glass Facer		Min. 0.5" GenFlex HD ISO	GenFast AP Fasteners or GenFlex Heavy Duty Fasteners with GenFast 3" Round Insulation Plates	GenFlex II FR EPDM, AFR EPDM, AFR PT, AFR, II FRM, II FRM-FR, II FRM PT or FlexWhite EPDM	GenFlex All Purpose Bonding Adhesive or GenFlex EPDM Bonding Adhesive LVOC applied at a rate of 45-60 ft ² /gal.					
D D.					Insulation Attachme	nt	,					
Design Pr	essure (psf)	De	ensity (ft² / fas	tener)	Parts per 4 x 4' board		Parts per 4 x 8' board					
0 < P	<u><</u> -45.0		2.7		6		12					

	TABLE 2-C (Continued): ELEVATE EPDM AND GENFLEX EPDM – NEW CONSTRUCTION, REROOF (Tear-Off) or RECOVER STEEL or CONCRETE DECK, MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER											
Assembly	Collectuate	Base Insulation Layer (s)		Top Insulation Layer (s)		Roof Cover						
No.	Substrate	Туре	Attach	Туре	Attach	Membrane	Attach					
63 (SC-11)	Grade 33 steel max 6' spans	(Optional) One or more layers, any		Min. 1.5" RESISTA	Elevate All-Purpose Fasteners with Elevate Insulation Fastening Plates (Steel) Or Elevate Heavy-Duty Fasteners or	RubberGard FR®, LS-FR®, LS-FR PT®, Platinum®, MAX®, MAX FR®, MAX PT® or EcoWhite®	Bonding Adhesive BA-2004 T or Single-Ply LVOC Bonding Adhesive applied at a rate of 45-60 ft ² /gal or Water Based Bonding Adhesive-P applied at a rate of 100-120 ft ² /gal.					
		eel max spans	Loose laid	Concrete Drive Fasteners with Elevate Insulation Fastening Plates (Concrete)	RubberGard EPDM SA or FullForce EPDM	Self-adhered						
64 (SC-12)	(New) or structural concrete (New or Recover)	(Optional) One or more layers, any combination		Min. 1.5" Coated Glass Facer	GenFast AP Fasteners with GenFast 3" Round Insulation Plates (Steel) Or GenFlex Heavy Duty Fasteners or GenFast Concrete Drive Fasteners with GenFast 3" Round Insulation (Concrete)	GenFlex II FR EPDM, AFR EPDM, AFR PT, AFR, II FRM, II FRM-FR, II FRM PT or FlexWhite EPDM	GenFlex All Purpose Bonding Adhesive or GenFlex EPDM Bonding Adhesive LVOC applied at a rate of 45-60 ft²/gal or GenFlex Water Based Bonding Adhesive applied at a rate of 100-120 ft²/gal.					
Docing D.	oscuro (psf)				Insulation Attachmen	t						
Design Pr	Design Pressure (psf)		nsity (ft² / fast	ener)	Parts per 4 x 4' board		Parts per 4 x 8' board					
0 < P	<u><</u> -45.0		2.7		6		12					

	TABLE 2-C (Continued): ELEVATE EPDM AND GENFLEX EPDM – NEW CONSTRUCTION, REROOF (Tear-Off) or RECOVER STEEL or CONCRETE DECK, MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER										
Assembly	C batasta	Base Insulation Layer (s)		Top Insulation Layer (s)		Roof Cover					
No.	Substrate	Туре	Attach	Туре	Attach	Membrane	Attach				
65 (SC-13)	Min. 22	(Optional) One or more layers, any		Min. 2.0" ISO 95+ GL	Elevate All-Purpose Fasteners or Elevate Heavy-Duty Fasteners with Elevate Insulation Fastening Plates	RubberGard FR [®] , LS-FR [®] , LS-FR PT [®] , Platinum [®] , MAX [®] , MAX FR [®] , MAX PT [®] or EcoWhite [®]	Bonding Adhesive BA-2004 T or Single-Ply LVOC Bonding Adhesive applied at a rate of 45-60 ft ² /gal.				
	ga., Type B, Grade 33 steel max	ax	Loose laid		Elevate insulation rastening Plates	RubberGard EPDM SA or FullForce EPDM	Self-adhered				
66 (SC-14)	 6' spans or structural concrete 	structural	ructural		Min. 2.0" GenFlex ISO Insulation	GenFast AP Fasteners or GenFlex Heavy Duty Fasteners with GenFast 3" Round Insulation Plates	GenFlex II FR EPDM, AFR EPDM, AFR PT, AFR, II FRM, II FRM-FR, II FRM PT or FlexWhite EPDM	GenFlex All Purpose Bonding Adhesive or GenFlex EPDM Bonding Adhesive LVOC applied at a rate of 45-60 ft ² /gal.			
Dosign Dr	occuro (nof)				Insulation Attachmen	t					
Design Pr	essure (psf)	Dei	nsity (ft² / fast	ener)	Parts per 4 x 4' board	Parts per 4 x 8' board					
0 < P	<u><</u> -67.5	2.0		8		16					

	Т	-	-		GENFLEX EPDM – NEW CONSTRUCTI HANICALLY ATTACHED INSULATION,		or RECOVER		
Assembly	Substrate	Base Insulation Layer (s)		ī	Top Insulation Layer (s)		Roof Cover		
No.	Substrate	Туре	Attach	Туре	Attach	Membrane	Attach		
67		Min. 1.5"		Min. 0.5" ISOGARD HD Or	Elevate Heavy-Duty Fasteners or Concrete Drive Fasteners with Elevate Insulation Fastening Plates (Concrete)	RubberGard FR®, LS- FR®, Platinum®, MAX®, MAX FR® or EcoWhite®	Bonding Adhesive BA-2004 T applied at a rate of 45-60 ft ² /gal.		
(SC-15)	Min. 22 ga., Type B, Grade 33	ISO 95+ GL	l o oso loid	Max. 1" ISOGARD HD (Steel - Recover)	·	RubberGard EPDM SA or FullForce EPDM	Self-adhered		
68 (SC-16)	spans or structural concrete	Min. 1.5" GenFlex ISO Insulation	Loose laid	Min. 0.5" GenFlex ISO Insulation Or Max. 1" GenFlex HD ISO (Steel – Recover)	I GenEact AD Factoners with	GenFlex II FR EPDM, AFR EPDM, AFR, II FRM, II FRM-FR or FlexWhite EPDM	GenFlex All Purpose Bonding Adhesive applied at a rate of 45-60 ft ² /gal.		
Docian Proceuro (nof)					Insulation Attachmer	nt			
Design F	Design Pressure (psf)		nsity (ft² / fast	ener)	Parts per 4 x 4' board	Pa	rts per 4 x 8' board		
0 < P <u><</u> -45.0 1.78			9		18				
-45.0 < P ≤ -60.0 1.33			12		24				

					SENFLEX EPDM – NEW CO ANICALLY ATTACHED IN:					
Assembly	Substrate	Base Insulation Layer (s)			Top Insulation Layer (s)			Roof Cover		
No.	Substrate	Туре	Attach	Туре	Attach		Membrane	Attach		
69 (SC-17)	Min. 22	Min. 1.5" ISO 95+ GL		Min. 1" ISOGARD HD Composite Or Max. 1"	Elevate Heavy-Duty Faste Concrete Drive Fasteners Insulation Fastening Plate Or Elevate All-Purpose Faste	with Elevate es (Concrete)	RubberGard FR®, LS-FR®, Platinum®, MAX®, MAX FR® or EcoWhite®	Bonding Adhesive BA-2004 T, Single- Ply LVOC Bonding Adhesive applied at a rate of 45-60 ft ² /gal or Water Based Bonding Adhesive-P applied at a rate of 100-120 ft ² /gal.		
	ga., Type B, Grade 33 steel max 6'		Loose laid	(Steel - Recover)	Elevate Insulation Fastenii		RubberGard EPDM SA or FullForce EPDM	Self-adhered		
70 (SC-18)	spans or structural concrete	Min. 1.5" GenFlex ISO Insulation		Min. 1" GenFlex HD Composite ISO Or Max. 1" GenFlex HD ISO (Steel – Recover)	GenFlex Heavy Duty Faste GenFast Concrete Drive F GenFast 3" Round Insulat (Concrete) Or GenFast AP Fasteners wit Round Insulation Plates (asteners with iion Plates h GenFast 3"	GenFlex II FR EPDM, AFR EPDM, AFR, II FRM, II FRM-FR or FlexWhite EPDM	GenFlex All Purpose Bonding Adhesive, GenFlex EPDM Bonding Adhesive LVOC applied at a rate of 45-60 ft²/gal or GenFlex Water Based Bonding Adhesive applied at a rate of 100-120 ft²/gal.		
Davis D					Insulation I	Attachment	•			
Design Pre	essure (psf)	Density (ft ²	/ fastener)	Parts p	Parts per 4 x 4' board		Parts pe	r 4 x 8' board		
0 < P	<u><</u> -60.0	1.3	3		12			24		

	TABLE 2-C (Continued): ELEVATE EPDM AND GENFLEX EPDM – NEW CONSTRUCTION, REROOF (Tear-Off) or RECOVER STEEL or CONCRETE DECK, MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER											
Assembly		Base Insulation Layer (s)		Top Insulation Layer (s)		Roof Cover						
No.	Substrate	Туре	Attach	Туре	Attach	Membrane	Attach					
71 (SC-19)	Min. 22 ga.,	Min. 1.5" ISO 95+		Min. 2.0" HailGard	Elevate All-Purpose Fasteners or Elevate Heavy-Duty Fasteners with Elevate Insulation Fastening Plates	RubberGard FR®, LS-FR®, LS-FR PT®, Platinum®, MAX®, MAX FR®, MAX PT® or EcoWhite®	Bonding Adhesive BA-2004 T or Single-Ply LVOC Bonding Adhesive applied at a rate of 45-60 ft ² /gal.					
	Type B, Grade 33 steel max	GL	Loose laid		Lievate insulation rasterning rates	RubberGard EPDM SA or FullForce EPDM	Self-adhered					
72 (SC-20)	- 6' spans or structural concrete	structural	Min. 1.5" GenFlex ISO Insulation	Min. 2.0" GenFlex HailGard	GenFast AP Fasteners or GenFlex Heavy Duty Fasteners with GenFast 3" Round Insulation Plates	GenFlex II FR EPDM, AFR EPDM, AFR PT, AFR, II FRM, II FRM-FR, II FRM PT or FlexWhite EPDM	GenFlex All Purpose Bonding Adhesive or GenFlex EPDM Bonding Adhesive LVOC applied at a rate of 45-60 ft ² /gal.					
Davis De			•		Insulation Attachmer	nt						
Design Pro	essure (psf)	D	ensity (ft² / fas	tener)	Parts per 4 x 4' board		Parts per 4 x 8' board					
0 < P	<u><</u> -75.0	2.0			8		16					

	TABLE 2-C (Continued): ELEVATE EPDM AND GENFLEX EPDM – NEW CONSTRUCTION, REROOF (Tear-Off) or RECOVER STEEL or CONCRETE DECK, MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER											
Assembly	C batasta	Base Insulation Layer (s)		Top Insulation Layer (s)			Roof Cover					
No.	Substrate	Туре	Attach	Туре	Attach	Membrane	Attach					
73 (SC-21)	Min. 22	(Optional) One or more layers, any		Min. 1.5" ISO 95+ GL	Elevate All-Purpose Fasteners or Elevate Heavy-Duty Fasteners with Elevate Insulation Fastening Plates	RubberGard FR®, LS-FR®, LS-FR PT®, Platinum®, MAX®, MAX FR®, MAX PT® or EcoWhite®	Bonding Adhesive BA-2004 T applied at a rate of 45-60 ft ² /gal.					
	ga., Type B, Grade 33 steel max	3 x	Loose laid	Elevate institution rusterning rutes	RubberGard EPDM SA or FullForce EPDM	Self-adhered						
74 (SC-22)	– 6' spans or structural concrete	(Optional) One or more layers, any combination		Min. 1.5" GenFlex ISO Insulation	GenFast AP Fasteners or GenFlex Heavy Duty Fasteners with GenFast 3" Round Insulation Plates	GenFlex II FR EPDM, AFR EPDM, AFR PT, AFR, II FRM, II FRM-FR, II FRM PT or FlexWhite EPDM	GenFlex All Purpose Bonding Adhesive applied at a rate of 45-60 ft ² /gal.					
Dosian De	occuro (pcf)				Insulation Attachmen	t						
Design Pr	essure (psf)	Dei	nsity (ft² / fast	ener)	Parts per 4 x 4' board	Parts per 4 x 8' board						
0 < P	<u><</u> -82.5		1.33		12		24					

	TABLE 2-C (Continued): ELEVATE EPDM AND GENFLEX EPDM – NEW CONSTRUCTION, REROOF (Tear-Off) or RECOVER STEEL or CONCRETE DECK, MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER											
Assembly	Substrate	Base Insulation Layer (s)		T	Top Insulation Layer (s)		Roof Cover					
No.	Substrate	Туре	Attach	Туре	Attach	Membrane	Attach					
75 (SC-23)	Min. 22 ga., Type B, Grade 33 steel max	(Optional) One or more layers, any		Min. 2.0" ISO 95+ GL	Elevate All-Purpose Fasteners or Elevate Heavy-Duty Fasteners with Elevate Insulation Fastening Plates	RubberGard FR [®] , LS-FR [®] , LS-FR PT [®] , Platinum [®] , MAX [®] , MAX FR [®] , MAX PT [®] or EcoWhite [®]	Bonding Adhesive BA-2004 T applied at a rate of 45-60 ft ² /gal.					
		eel max spans or ructural	combination	combination	Loose laid		Lievate insulation rasterning rates	RubberGard EPDM SA or FullForce EPDM	Self-adhered			
76 (SC-24)	structural concrete			Min. 2.0" GenFlex ISO Insulation	GenFast AP Fasteners or GenFlex Heavy Duty Fasteners with GenFast 3" Round Insulation Plates	GenFlex II FR EPDM, AFR EPDM, AFR PT, AFR, II FRM, II FRM-FR, II FRM PT or FlexWhite EPDM	GenFlex All Purpose Bonding Adhesive applied at a rate of 45-60 ft ² /gal.					
Docian Pr	occuro (pcf)				Insulation Attachmen	t						
Design Pressure (psf)		Dei	nsity (ft² / fast	ener)	Parts per 4 x 4' board		Parts per 4 x 8' board					
0 < P <u><</u> -82.5		1.6			10		20					
-82.5 < P <u><</u> -112.5			1.0		16		32					
-112.5 <	P <u><</u> -150.0		1.0		16		32					

		-	· ·		GENFLEX EPDM – NEW CONSTRUCTI HANICALLY ATTACHED INSULATION,	· ·		
Assembly		Base Insulation Layer (s)		Top Insulation Layer (s)		Roof Cover		
No.	Substrate	Туре	Attach	Туре	Attach	Membrane	Attach	
77 (SC-25)	Min. 22 ga., Type B,	(Optional) One or more layers, any		Min. 2.0" RESISTA	Elevate All-Purpose Fasteners with Elevate Insulation Fastening Plates (Steel) Or Elevate Heavy-Duty Fasteners or	RubberGard FR®, LS-FR®, LS-FR PT®, Platinum®, MAX®, MAX FR®, MAX PT® or EcoWhite®	Bonding Adhesive BA-2004 T or Single-Ply LVOC Bonding Adhesive applied at a rate of 45-60 ft ² /gal.	
	Grade 33 steel max 6' spans	combination	Loose laid		Concrete Drive Fasteners with Elevate Insulation Fastening Plates (Concrete)	RubberGard EPDM SA or FullForce EPDM	Self-adhered	
78 (SC-26)	(New or Recover) One of layers	(Optional) One or more layers, any combination		Min. 2.0" Coated Glass Facer	GenFast AP Fasteners with GenFast 3" Round Insulation Plates (Steel) Or GenFlex Heavy Duty Fasteners or GenFast Concrete Drive Fasteners with GenFast 3" Round Insulation (Concrete)	GenFlex II FR EPDM, AFR EPDM, AFR PT, AFR, II FRM, II FRM-FR, II FRM PT or FlexWhite EPDM	GenFlex All Purpose Bonding Adhesive or GenFlex EPDM Bonding Adhesive LVOC applied at a rate of 45-60 ft ² /gal.	
D					Insulation Attachmen	Insulation Attachment		
Design Pr	essure (psf)	Der	nsity (ft² / fast	ener)	Parts per 4 x 4' board		Parts per 4 x 8' board	
0 < P <u><</u> -82.5			1.6		10		20	
-82.5 < P <u><</u> -105.0		1.33		12		24		
-105.0 < P <u><</u> -112.5		1.0			16		32	
-112.5 < P <u><</u> -142.5			1.0		16		32	
-142.5 < P <u><</u> -150.0			1.0		16		32	

0 < P < -82.5

1.0

TABLE 2-C (Continued): ELEVATE EPDM AND GENFLEX EPDM – NEW CONSTRUCTION, REROOF (Tear-Off) or RECOVER STEEL or CONCRETE DECK, MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER **Base Insulation Layer (s) Top Insulation Layer (s) Roof Cover** Assembly Substrate No. Type Attach Type Attach Membrane **Attach** RubberGard FR®, Bonding Adhesive BA-2004 T, Single-Ply LS-FR®, LS-FR LVOC Bonding Adhesive or Single-Ply LVOC Elevate Heavy-Duty Fasteners or Concrete Drive Fasteners with Elevate PT®, Platinum®, Bonding Adhesive 1168 applied at a rate of Min. 1.5" ISO Min. 0.5" MAX®, MAX FR®, 45-60 ft²/gal or Water Based Bonding Insulation Fastening Plates 95+ GL. **SECUROCK** Adhesive-P applied at a rate of 100-120 (Concrete) MAX PT®, 79 RESISTA, or Loose Laid Gypsum EcoWhite® or ft²/gal or EPDM Solvent Free Bonding (SC-27) **ISOGARD** Or Min. 22 Fiber Roof Adhesive applied at a rate of 150 ft²/qal. EcoWhite PT® HD ga., Type Elevate All-Purpose Fasteners with Board Composite **Elevate Insulation Fastening Plates** B. Grade RubberGard 33 steel (Steel) EPDM SA or Self-adhered max 6' FullForce FPDM spans or Min. 1.5" GenFlex II FR GenFlex All Purpose Bonding Adhesive, GenFlex Heavy Duty Fasteners or structural GenFlex ISO GenFlex EPDM Bonding Adhesive LVOC or EPDM, AFR GenFast Concrete Drive Fasteners Min. 0.5" concrete Insulation. EPDM, AFR PT, EZ TPO Bonding Adhesive LVOC 1168 with GenFast 3" Round Insulation **SECUROCK** 80 applied at a rate of 45-60 ft²/gal or GenFlex Coated Glass AFR, II FRM, II Plates (Concrete) Loose Laid Gvpsum (SC-28) Facer, or FRM-FR, II FRM Water Based Bonding Adhesive applied at a Fiber Roof Or GenFlex HD PT, FlexWhite rate of 100-120 ft²/gal or GenFlex EPDM Board GenFast AP Fasteners with GenFast 3" Composite EPDM or Solvent Free Bonding Adhesive applied at a Round Insulation Plates (**Steel**) ISO FlexWhite PT rate of 150 ft²/gal. **Insulation Attachment** Design Pressure (psf) Density (ft² / fastener) Parts per 4 x 4' board Parts per 4 x 8' board

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	TABLE 2-C (Continued): ELEVATE EPDM AND GENFLEX EPDM – NEW CONSTRUCTION, REROOF (Tear-Off) or RECOVER STEEL or CONCRETE DECK, MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER											
Assembly	Culturaturata	Base Insulation Layer (s)		Т	Top Insulation Layer (s)		Roof Cover					
No.	Substrate	Туре	Attach	Туре	Attach	Membrane	Attach					
81 (SC-29)	Min. 22	(Optional) One or more layers, any			Elevate All-Purpose Fasteners with Elevate Insulation Fastening Plates (Steel) Or Elevate Heavy-Duty Fasteners or	RubberGard FR [®] , LS-FR [®] , LS-FR PT [®] , Platinum [®] , MAX [®] , MAX FR [®] , MAX PT [®] or EcoWhite [®]	Bonding Adhesive BA-2004 T or Single-Ply LVOC Bonding Adhesive applied at a rate of 45-60 ft ² /gal.					
	ga., Type B, Grade 33 steel max	Type B, combination ande 33	Loose laid	Min. 0.5" DensDeck	Concrete Drive Fasteners with Elevate Insulation Fastening Plates (Concrete)	RubberGard EPDM SA or FullForce EPDM	Self-adhered					
82 (SC-30)	6' spans or structural concrete	(Optional) One or more layers, any combination		Prime	GenFast AP Fasteners with GenFast 3" Round Insulation Plates (Steel) Or GenFlex Heavy Duty Fasteners or GenFast Concrete Drive Fasteners with GenFast 3" Round Insulation (Concrete)	GenFlex II FR EPDM, AFR EPDM, AFR PT, AFR, II FRM, II FRM-FR, II FRM PT or FlexWhite EPDM	GenFlex All Purpose Bonding Adhesive or GenFlex EPDM Bonding Adhesive LVOC applied at a rate of 45-60 ft ² /gal.					
Docian Pr	essure (psf)				Insulation Attachmen	t						
Design Pr	essure (pst)	Density (ft ² / fastener)			Parts per 4 x 4' board		Parts per 4 x 8' board					
0 < P	<u><</u> -105.0		1.0		16		32					

	TABLE 2-C (Continued): ELEVATE EPDM AND GENFLEX EPDM – NEW CONSTRUCTION, REROOF (Tear-Off) or RECOVER STEEL or CONCRETE DECK, MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER									
Assembly	Colortuata	Top Insulation Layer (s)				Roof Cover				
No.	Substrate	Туре		Attach	Mei	mbrane	Attach			
83	Min. 22 ga., Type B,	Min. 1.5" ISOGARD HD	ISOGARD HD Fasteners with Elevate Insulation Fastening Plates		FR®, Plat	1AX FR® or	Bonding Adhesive BA-2004 T or Single- Ply LVOC Bonding Adhesive applied at a rate of 45-60 ft ² /gal.			
(SC-31)	Grade 33 steel max 6' spans (New) or structural concrete	Composite	1 .	GenFlex Heavy Duty Fasteners or GenFast Concrete Drive Fasteners with GenFast 3" Round Insulation Plates (Concrete) Or GenFast AP Fasteners with		ard EPDM llForce	Self-adhered			
84 (SC-32)	(New or Recover)	Min. 1.5" GenFlex HD Composite ISO	Drive Fasteners with Ge Plates (Concrete) Or Ge			II FR EPDM, M, AFR, II RM-FR or e EPDM	GenFlex All Purpose Bonding Adhesive or GenFlex EPDM Bonding Adhesive LVOC applied at a rate of 45-60 ft²/gal.			
D				Insulation Atta	chment					
Desig	n Pressure (psf)	Density	(ft² / fastener)	Parts per 4 x 4' board			Parts per 4 x 8' board			
0	0 < P <u><</u> -112.5		1.33	12		24				

	TABLE 2-C (Continued): ELEVATE EPDM AND GENFLEX EPDM – NEW CONSTRUCTION, REROOF (Tear-Off) or RECOVER STEEL or CONCRETE DECK, MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER									
Assembly	Cubatuata		Top Insulat	ion Layer (s)	Roof	Cover				
No.	Substrate	Туре		Attach		Attach				
85	Min. 22 ga., Type B, Grade	Min. 2" ISOGARD HD		ers or Concrete Drive Fasteners with g Plates (Concrete) Or Elevate All-Purpose	RubberGard FR®, LS-FR®, Platinum®, MAX®, MAX FR® or EcoWhite®	Bonding Adhesive BA- 2004 T applied at a rate of 45-60 ft²/gal.				
(SC-33)	33 steel max 6' spans (New) or	Composite	Fasteners with Elevate Insu	Fasteners with Elevate Insulation Fastening (Steel)		Self-adhered				
86 (SC-34)	structural concrete (New or Recover)	Min. 2" GenFlex HD Composite ISO		ners or GenFast Concrete Drive Fasteners ulation Plates (Concrete)Or GenFast AP Round Insulation (Steel)	GenFlex II FR EPDM, AFR EPDM, AFR, II FRM, II FRM-FR or FlexWhite EPDM	GenFlex All Purpose Bonding applied at a rate of 45-60 ft²/gal.				
D	D			Insulation Attachment	t					
Design	Pressure (psf)	Densi	ty (ft² / fastener)	Parts per 4 x 4' board	Parts per 4	x 8' board				
0 <	0 < P <u><</u> -120.0		1.33	12	2	4				

	TABLE 2-C (Continued): ELEVATE EPDM AND GENFLEX EPDM – NEW CONSTRUCTION, REROOF (Tear-Off) or RECOVER STEEL or CONCRETE DECK, MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER								
Assembly	Collectuate	Base Insulation Layer (s)		Т	Top Insulation Layer (s)		Roof Cover		
No.	Substrate	Type Attach Type		Attach	Membrane	Attach			
87 (SC-35)	Min. 22 ga., Type B, Grade 33 steel max	Min. 1.5" ISO 95+ GL	Loose laid	Min. 7/16" OSB	Elevate All-Purpose Fasteners with Elevate Insulation Fastening Plates (Steel) Or Elevate Heavy-Duty Fasteners or Concrete Drive Fasteners with Elevate Insulation Fastening Plates (Concrete)	RubberGard FR®, LS-FR®, LS-FR PT®, Platinum®, MAX®, MAX FR®, MAX PT® or EcoWhite®	Single-Ply LVOC Bonding Adhesive or LVOC Bonding Adhesive 1168 applied at a rate of 45-60 ft ² /gal.		
88 (SC-36)	6' spans or structural concrete	Min. 1.5" GenFlex ISO Insulation			GenFast AP Fasteners with GenFast 3" Round Insulation Plates (Steel) Or GenFlex Heavy Duty Fasteners or GenFast Concrete Drive Fasteners with GenFast 3" Round Insulation (Concrete)	GenFlex II FR EPDM, AFR EPDM, AFR PT, AFR, II FRM, II FRM-FR, II FRM PT or FlexWhite EPDM	GenFlex EPDM Bonding Adhesive LVOC or EZ TPO Bonding Adhesive LVOC 1168 applied at a rate of 45-60 ft ² /gal.		
Docian Dr	occuro (pcf)		•		Insulation Attachmer	nt			
Design Pr	essure (psf)	De	ensity (ft² / fas	stener)	Parts per 4 x 4' board	Parts per 4 x 8' board			
0 < P	0 < P <u><</u> -142.5		1.0		16		32		

			EVATE EPDM AND GENFLEX EP K, MECHANICALLY ATTACHED		•	•	•	COVER	
Assembly	Collecturate	Base Insulation Layer (s)		Тор	Top Insulation Layer (s)		Roof Cover		
No.	Substrate	Туре	Attach	Туре	Attach		Membrane	Attach	
89		Min. 2" ISO	Elevate Heavy-Duty Fasteners or Concrete Drive Fasteners with Elevate Insulation Fastening Plates (Concrete)	Min. 0.5" ISOGARD	Elevate I.S.O. Twin Pack Adhesive applied in 1/2"- 3/4" wide ribbons spaced 12" o.c. or		RubberGard FR®, LS-FR®, LS-FR PT®, Platinum®, MAX®, MAX FR®, MAX PT® or EcoWhite®	Bonding Adhesive BA- 2004 T or Single-Ply LVOC Bonding Adhesive applied at a rate of 45-60 ft ² /gal.	
(SC-37)	Min. 22 ga., Type B, Grade 33 steel max 6' spans (New) or	Or Elevate All-Purpose Fasteners with Elevate Insulation Fastening Plates (Steel)	HD	Elevate I.S.O. Stick Adhesive or Elevat FIX II Adhesive ap 3/4"-1" wide ribbo spaced 12" o.c.	te I.S.O. plied in	RubberGard EPDM SA or FullForce EPDM	Self-adhered		
90 (SC-38)	structural concrete (New or Recover)	Min. 2" GenFlex ISO Insulation	GenFlex Heavy Duty Fasteners or GenFast Concrete Drive Fasteners with GenFast 3" Round Insulation Plates (Concrete) Or GenFast AP Fasteners with GenFast 3" Round Insulation (Steel)	Min. 0.5" GenFlex HD ISO	OlyBond 500 appl 1/2"-3/4" wide rib spaced 12" o.c. or GenFlex One Step Insulation Adhesiv GenFlex I.S.O. FIX Adhesive applied 1" wide ribbons sp 12" o.c.	ve or II in 3/4"-	GenFlex II FR EPDM, AFR EPDM, AFR PT, AFR, II FRM, II FRM- FR, II FRM PT or FlexWhite EPDM	GenFlex All Purpose Bonding Adhesive or GenFlex EPDM Bonding Adhesive LVOC applied at a rate of 45-60 ft ² /gal.	
Design	n Pressure (psf)	_		1	sulation Attachme	nt			
Design		De	ensity (ft² / fastener)	Parts pe	r 4 x 4' board		Parts per 4 x	8' board	
0	< P <u><</u> -90.0		1.0		16		32		

		TABLE 2-D (C	Continued): ELEVATE E		ENFLEX EPDM – NEW CO				
Assembly	C. bataata	The	Thermal Barrier		Base Insulation Layer (s)		nsulation Layer (s)	Roof Cover	
No.	Substrate	Type Attach		Туре	Type Attach		Attach	Membrane	Attach
91 (SC-39)	Min. 22 ga., Type B, Grade		Elevate Heavy-Duty Fasteners or Concrete Drive Fasteners with Elevate Insulation Fastening Plates (Concrete) or Elevate All-Purpose Fasteners with Elevate Insulation	Min. 1.5" ISO 95+ GL	Elevate I.S.O. Twin Pack Adhesive applied in 1/2"-3/4" wide ribbons spaced 12" o.c. or Elevate I.S.O. Stick Adhesive or Elevate I.S.O. FIX II Adhesive		Elevate I.S.O. Twin Pack Adhesive applied in 1/2"-3/4" wide ribbons spaced 12" o.c. or Elevate I.S.O. Stick Adhesive or Elevate I.S.O. FIX II Adhesive	RubberGard FR®, LS-FR®, LS-FR PT®, Platinum®, MAX®, MAX FR®, MAX PT® or EcoWhite®	Bonding Adhesive BA-2004 T or Single-Ply LVOC Bonding Adhesive applied at a rate of 45-60 ft²/gal or Water Based Bonding Adhesive-P applied at a rate of 100-120 ft²/gal.
	33 steel max 6' spans (New) or	Min. 0.5" DensDeck or DensDeck	Fastening Plates (Steel)		applied in 3/4"-1" wide ribbons spaced 12" o.c.	Min. 0.25" DensDeck Prime	applied in 3/4"-1" wide ribbons spaced 12" o.c.	RubberGard EPDM SA or FullForce EPDM	Self-adhered
92 (SC-40)	` ,	Prime	GenFlex Heavy Duty Fasteners or GenFast Concrete Drive Fasteners with GenFast 3" Round Insulation Plates (Concrete) or	Min. 1.5" GenFlex ISO Insulation	OlyBond 500 applied in 1/2"-3/4" wide ribbons spaced 12" o.c. or GenFlex One Step Insulation Adhesive or GenFlex I.S.O. FIX II		OlyBond 500 applied in 1/2"-3/4" wide ribbons spaced 12" o.c. or GenFlex One Step Insulation Adhesive or GenFlex I.S.O. FIX II	GenFlex II FR EPDM, AFR EPDM, AFR PT, AFR, II FRM, II FRM- FR, II FRM PT or FlexWhite	GenFlex All Purpose Bonding Adhesive or GenFlex EPDM Bonding Adhesive LVOC applied at a rate of 45-60 ft²/gal or GenFlex Water Based
			GenFast AP Fasteners with GenFast 3" Round Insulation (Steel)		Adhesive applied in 3/4"-1" wide ribbons spaced 12" o.c.		Adhesive applied in 3/4"-1" wide ribbons spaced 12" o.c.	EPDM EPDM	Bonding Adhesive applied at a rate of 100-120 ft ² /gal.
Design Pre	essure (psf)	P *	(f42 f4			Attachment	ъ.		
		Density	y (ft² / fastener) 2.0		Parts per 4 x 4' board		Parts	s per 4 x 8' boa	ra
U < P	<u><</u> -45.0		۷.0		8			16	

0 < P < -45.0

TABLE 2-D (Continued): ELEVATE EPDM AND GENFLEX EPDM - NEW CONSTRUCTION, REROOF (Tear-Off) or RECOVER STEEL or CONCRETE DECK, MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER Base Insulation Layer (s) **Top Insulation Layer (s) Roof Cover** Assembly Substrate **Temp Roof** No. Type Attach Type Attach Membrane Attach Elevate All-Purpose Bonding Adhesive BA-Elevate I.S.O. Twin RubberGard FR®. Fasteners with Elevate 2004 T, Single-Ply LVOC Pack Adhesive LS-FR®, LS-FR PT®, Insulation Fastening Bonding Adhesive or applied in 1/2"-3/4" Platinum®, MAX®, Plates (**Steel**) Min. 0.5" Water Based Bonding wide ribbons spaced MAX FR®, MAX PT® DensDeck Adhesive-P applied at a 12" o.c. 93 Min. 1.5" or EcoWhite® Elevate Heavy-Duty rate of 45-60 ft²/gal. Prime or (SC-41) ISO 95+ GL 2.25" ISO Fasteners or Concrete Min. 22 ga., Elevate I.S.O. Stick 95+ GL Drive Fasteners with RubberGard EPDM Type B, Adhesive applied in Elevate Insulation Grade 33 SA or FullForce Self-adhered 3/4"-1" wide ribbons V-Force SB Fastening Plates steel max 6' **EPDM** spaced 12" o.c. Primer: V-(Concrete) spans (New) Force, selfor structural OlyBond 500 applied adhered GenFast AP Fasteners concrete in 1/2"-3/4" wide GenFlex All Purpose with GenFast 3" Round Min. 0.5" (New or ribbons spaced 12" GenFlex II FR Bonding Adhesive, Insulation Plates (**Steel**) DensDeck Recover) O.C. Min. 1.5" EPDM, AFR EPDM, GenFlex EPDM Bonding Pime or 94 GenFlex or Adhesive LVOC or AFR PT, AFR, II 2.25" GenFlex Heavy Duty ISO (SC-42) GenFlex One Step FRM, II FRM-FR, II GenFlex Water Based GenFlex Fasteners or GenFast Insulation Insulation Adhesive FRM PT or Bonding Adhesive ISO Concrete Drive Fasteners applied in 3/4"-1" FlexWhite EPDM applied at a rate of 45-60 Insulation with GenFast 3" Round wide ribbons spaced ft²/gal. Insulation (Concrete) 12" o.c. **Insulation Attachment** Design Pressure (psf) Density (ft² / fastener) Parts per 4 x 4' board Parts per 4 x 8' board

4

4.0

		ABLE 2-D (Co	ntinued): ELEVATE EPDM AN E DECK, MECHANICALLY AT				-	•		
Assembly	Substrate	Base Insulation Layer (s)		Town Boof	Top Insulation Layer (s)		Roof Cover			
No.	Substrate	Туре	Attach	Temp Roof	Туре	Atta	ch	Membrane	Attach	
95 (SC-43)	Min. 22 ga., Type B,		Elevate All-Purpose Fasteners with Elevate Insulation Fastening Plates (Steel) Or Elevate Heavy-Duty Fasteners or Concrete Drive Fasteners with		Min. 1.5" ISO 95+ GL	Elevate I.S.O Pack Adhesi applied in 1, wide ribbons 12" o.c. or Elevate I.S.O Adhesive ap	ve /2"-3/4" s spaced	RubberGard FR®, LS-FR®, LS-FR PT®, Platinum®, MAX®, MAX FR®, MAX PT® or EcoWhite®	Bonding Adhesive BA- 2004 T, Single-Ply LVOC Bonding Adhesive or Water Based Bonding Adhesive-P applied at a rate of 45-60 ft ² /gal.	
	Grade 33 steel max 6' spans Min. 0.5" Dens Deck (Concrete)	Fastening Plates	Elevate SA Primer; BASEGARD		3/4"-1" wide spaced 12" o	ribbons	SA or FullForce EPDM	Self-adhered		
96 (SC-44)	(New) or structural concrete (New or Recover)	Prime	GenFast AP Fasteners with GenFast 3" Round Insulation Plates (Steel) Or GenFlex Heavy Duty Fasteners or GenFast Concrete Drive Fasteners with GenFast 3" Round Insulation (Concrete)	SA, self- adhered	Min. 1.5" GenFlex ISO Insulation	OlyBond 500 applied in 1/2"-3/4" wide ribbons spaced 12" o.c. or GenFlex One Step Insulation Adhesive applied in 3/4"-1" wide ribbons spaced 12" o.c.		GenFlex II FR EPDM, AFR EPDM, AFR PT, AFR, II FRM, II FRM-FR, II FRM PT or FlexWhite EPDM	GenFlex All Purpose Bonding Adhesive, GenFlex EPDM Bonding Adhesive LVOC or GenFlex Water Based Bonding Adhesive applied at a rate of 45-60 ft²/gal.	
Dasies D	vacaura (maf			ı	Insulation	Attachment		1	ı	
Design Pi	ressure (psf)		Density (ft ² / fastener)		Parts per 4	x 4' board		Parts per 4 x 8' board		
0 < P	<u><</u> -45.0		2.0		1	3		16		

		•	ed): ELEVATE EPDM AND GENF K, MECHANICALLY ATTACHED						
Assembly	Substrate	Base Insulation Layer (s)		Top Insulation Layer (s)			Roof Cover		
No.	Substrate	Туре	Attach	Туре	Attach		Membrane	Attach	
97 (SC-45)	Min 22 no Tuno	Min. 1.5" ISO 95+ GL	Elevate All-Purpose Fasteners with Elevate Insulation Fastening Plates (Steel) Or Elevate Heavy-Duty Fasteners or Concrete Drive Fasteners with Elevate Insulation	Min. 1.5" ISO 95+ GL or min. 0.5" ISOGARD HD	Elevate I.S.O. Twin Pack Adhesive applied in 1/2"- 3/4" wide ribbons spaced 12" o.c. or Elevate I.S.O. Stick Adhesive or Elevate I.S.O. FIX II Adhesive applied in 3/4"-1" wide ribbons spaced 12" o.c.		RubberGard FR®, LS-FR®, LS-FR PT®, Platinum®, MAX®, MAX FR®, MAX PT® or EcoWhite®	Bonding Adhesive BA- 2004 T, Single-Ply LVOC Bonding Adhesive or LVOC Bonding Adhesive 1168 applied at a rate of 45-60 ft²/gal or Water Based Bonding Adhesive- P applied at a rate of 100-120 ft²/gal.	
	Min. 22 ga., Type B, Grade 33 steel max 6' spans (New) or		Fastening Plates (Concrete)				RubberGard EPDM SA or FullForce EPDM	Self-adhered	
98 (SC-46)	structural concrete (New or Recover)	Min. 1.5" GenFlex ISO Insulation	GenFast AP Fasteners with GenFast 3" Round Insulation Plates (Steel) Or GenFlex Heavy Duty Fasteners or GenFast Concrete Drive Fasteners with GenFast 3" Round Insulation (Concrete)	Min. 1.5" GenFlex ISO Insulation or min. 0.5" GenFlex HD ISO	OlyBond 500 appl 1/2"-3/4" wide rib spaced 12" o.c. or GenFlex One Step Insulation Adhesiv GenFlex I.S.O. FIX Adhesive applied 1" wide ribbons sp 12" o.c.	ve or II in 3/4"-	GenFlex II FR EPDM, AFR EPDM, AFR PT, AFR, II FRM, II FRM- FR, II FRM PT or FlexWhite EPDM	GenFlex All Purpose Bonding Adhesive, GenFlex EPDM Bonding Adhesive LVOC or EZ TPO Bonding Adhesive LVOC 1168 applied at a rate of 45-60 ft²/gal or GenFlex Water Based Bonding Adhesive applied at a rate of 100- 120 ft²/gal.	
Docies	Pressure (psf)		1	In	sulation Attachme	nt		ı	
Design	rressure (psi)	De	ensity (ft² / fastener)	Parts pe	r 4 x 4' board		Parts per 4 x	8' board	
0	< P <u><</u> -45.0		2.0		8		16		

		•	d): ELEVATE EPDM AND GENF C, MECHANICALLY ATTACHED			-	•		
Assembly	Substrate	Base Insulation Layer (s)		Top Insulation Layer (s)			Roof Cover		
No.	No. Substrate		Attach	Туре	Attach		Membrane	Attach	
99	99	Min. 1.5"	Elevate All-Purpose Fasteners or Elevate Heavy-Duty		Elevate I.S.O. Twin Adhesive applied i 3/4" wide ribbons 12" o.c. or	in 1/2"-	RubberGard FR®, LS- FR®, LS-FR PT®, Platinum®, MAX®, MAX FR®, MAX PT® or EcoWhite®	Bonding Adhesive BA- 2004 T applied at a rate of 45-60 ft ² /gal.	
(SC-47)	Min. 22 ga., Type B, Grade 33 steel	Type steel ISO 95+ GL Fasteners wit Insulation Fast	Fasteners with Elevate Insulation Fastening Plates	Min. 0.25" DensDeck or	Elevate I.S.O. Stick Adhesive or Elevat FIX II Adhesive app 3/4"-1" wide ribbo spaced 12" o.c.	te I.S.O. plied in	RubberGard EPDM SA or FullForce EPDM	Self-adhered	
100 (SC-48)	max 6' spans or structural concrete	Min. 1.5" GenFlex ISO Insulation	GenFast AP Fasteners or GenFlex Heavy Duty Fasteners with GenFast 3" Round Insulation Plates	DensDeck Prime	OlyBond 500 appl 1/2"-3/4" wide rib spaced 12" o.c. or GenFlex One Step Insulation Adhesiv GenFlex I.S.O. FIX Adhesive applied i 1" wide ribbons sp 12" o.c.	bons ve or II in 3/4"-	GenFlex II FR EPDM, AFR EPDM, AFR PT, AFR, II FRM, II FRM- FR, II FRM PT or FlexWhite EPDM	GenFlex All Purpose Bonding Adhesive applied at a rate of 45-60 ft ² /gal.	
D	D			ln	sulation Attachmer	nt	l		
Design	Pressure (psf)	De	nsity (ft² / fastener)	Parts pe	r 4 x 4' board		Parts per 4 x	8' board	
0 <	< P <u><</u> -45.0		2.0		8		16		

TABLE 2-D (Continued): ELEVATE EPDM AND GENFLEX EPDM - NEW CONSTRUCTION, REROOF (Tear-Off) or RECOVER STEEL or CONCRETE DECK, MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER Base Insulation Layer (s) **Top Insulation Layer (s) Roof Cover** Assembly Substrate No. Type **Attach** Type Attach Membrane Attach Elevate I.S.O. Twin Pack RubberGard FR®, LS-Bonding Adhesive BA-Elevate All-Purpose Fasteners Adhesive applied in 1/2"-FR®, LS-FR PT®, 2004 T or Single-Ply with Elevate Insulation 3/4" wide ribbons spaced (Optional) Platinum®, MAX®, LVOC Bonding Adhesive Fastening Plates (**Steel**) 12" o.c. Min. 1.5" MAX FR®, MAX PT® applied at a rate of 45-60 or RESISTA 101 or EcoWhite® ft²/gal. (SC-49) **Elevate Heavy-Duty Fasteners** followed by Elevate I.S.O. Stick or Concrete Drive Fasteners min. 0.5" Adhesive or Elevate I.S.O. RubberGard EPDM Min. 22 ga., Type with Elevate Insulation **RESISTA** FIX II Adhesive applied in SA or FullForce Self-adhered B, Grade 33 steel Fastening Plates (Concrete) 3/4"-1" wide ribbons EPDM max 6' spans Min. 0.5" spaced 12" o.c. DensDeck (New) or OlyBond 500 applied in structural Prime GenFast AP Fasteners with 1/2"-3/4" wide ribbons (Optional) concrete (New or GenFast 3" Round Insulation spaced 12" o.c. Min. 1.5" Recover) Plates (**Steel**) GenFlex II FR EPDM. GenFlex All Purpose Coated Glass Or AFR EPDM, AFR PT, Bonding Adhesive or 102 Facer GenFlex One Step AFR, II FRM, II FRM-GenFlex EPDM Bonding GenFlex Heavy Duty followed by Insulation Adhesive or (SC-50)FR, II FRM PT or Adhesive LVOC applied Fasteners or GenFast min. 0.5" GenFlex I.S.O. FIX II at a rate of 45-60 ft²/gal. FlexWhite FPDM Concrete Drive Fasteners Coated Glass Adhesive applied in 3/4"with GenFast 3" Round Facer 1" wide ribbons spaced Insulation (Concrete) 12" o.c. **Insulation Attachment** Design Pressure (psf) Density (ft² / fastener) Parts per 4 x 8' board Parts per 4 x 4' board 8 0 < P < -45.04.0 4

 $0 < P \le -45.0$

TABLE 2-D (Continued): ELEVATE EPDM AND GENFLEX EPDM - NEW CONSTRUCTION, REROOF (Tear-Off) or RECOVER STEEL or CONCRETE DECK, MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER Base Insulation Layer (s) **Top Insulation Layer (s) Roof Cover** Assembly Substrate No. Type **Attach** Type Attach Membrane Attach Elevate I.S.O. Twin Pack RubberGard FR®, LS-Bonding Adhesive BA-Elevate All-Purpose Fasteners Adhesive applied in 1/2"-FR®, LS-FR PT®, 2004 T or Single-Ply with Elevate Insulation 3/4" wide ribbons spaced (Optional) Platinum®, MAX®, LVOC Bonding Adhesive Fastening Plates (**Steel**) 12" o.c. Min. 1.5" MAX FR®, MAX PT® applied at a rate of 45-60 or Min. 1.5" RESISTA 103 or EcoWhite® ft²/gal. (SC-51)**RESISTA Elevate Heavy-Duty Fasteners** followed by Elevate I.S.O. Stick or Concrete Drive Fasteners min. 0.5" Adhesive or Elevate I.S.O. RubberGard EPDM with Elevate Insulation **RESISTA** FIX II Adhesive applied in SA or FullForce Self-adhered Min. 22 ga., Type B, Fastening Plates (Concrete) 3/4"-1" wide ribbons **EPDM** Grade 33 steel max spaced 12" o.c. 6' spans (**New**) or OlyBond 500 applied in structural concrete GenFast AP Fasteners with 1/2"-3/4" wide ribbons (Optional) (New or Recover) GenFast 3" Round Insulation spaced 12" o.c. Min. 1.5" Plates (**Steel**) GenFlex II FR EPDM. GenFlex All Purpose Min. 1.5" Coated Glass Or AFR EPDM, AFR PT, Bonding Adhesive or Coated 104 Facer GenFlex One Step AFR, II FRM, II FRM-GenFlex EPDM Bonding GenFlex Heavy Duty Glass followed by Insulation Adhesive or (SC-52)FR, II FRM PT or Adhesive LVOC applied Fasteners or GenFast min. 0.5" Facer GenFlex I.S.O. FIX II FlexWhite FPDM at a rate of 45-60 ft²/gal. Concrete Drive Fasteners Coated Glass Adhesive applied in 3/4"with GenFast 3" Round Facer 1" wide ribbons spaced Insulation (Concrete) 12" o.c. **Insulation Attachment** Design Pressure (psf) Density (ft² / fastener) Parts per 4 x 8' board Parts per 4 x 4' board

2.0

8

 $0 < P \le -45.0$

TABLE 2-D (Continued): ELEVATE EPDM AND GENFLEX EPDM - NEW CONSTRUCTION, REROOF (Tear-Off) or RECOVER STEEL or CONCRETE DECK, MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER Base Insulation Layer (s) **Top Insulation Layer (s) Roof Cover** Assembly Substrate No. Type **Attach** Type Attach Membrane Attach Elevate I.S.O. Twin Pack RubberGard FR®, LS-Bonding Adhesive BA-Elevate All-Purpose Fasteners Adhesive applied in 1/2"-FR®, LS-FR PT®, 2004 T or Single-Ply with Elevate Insulation 3/4" wide ribbons spaced (Optional) Platinum®, MAX®, LVOC Bonding Adhesive Fastening Plates (**Steel**) 12" o.c. Min. 1.5" MAX FR®, MAX PT® applied at a rate of 45-60 or Min. 1.5" RESISTA 105 or EcoWhite® ft²/gal. (SC-53)**RESISTA Elevate Heavy-Duty Fasteners** followed by Elevate I.S.O. Stick or Concrete Drive Fasteners min. 0.5" Adhesive or Elevate I.S.O. RubberGard EPDM with Elevate Insulation **RESISTA** FIX II Adhesive applied in SA or FullForce Self-adhered Min. 22 ga., Type B, Fastening Plates (Concrete) 3/4"-1" wide ribbons EPDM Grade 33 steel max spaced 12" o.c. 6' spans (**New**) or OlyBond 500 applied in structural concrete GenFast AP Fasteners with 1/2"-3/4" wide ribbons (Optional) (New or Recover) GenFast 3" Round Insulation spaced 12" o.c. Min. 1.5" Plates (**Steel**) GenFlex II FR EPDM. GenFlex All Purpose Min. 1.5" Coated Glass Or AFR EPDM, AFR PT, Bonding Adhesive or Coated 106 Facer GenFlex One Step AFR, II FRM, II FRM-GenFlex EPDM Bonding GenFlex Heavy Duty Glass followed by Insulation Adhesive or (SC-54)FR, II FRM PT or Adhesive LVOC applied Fasteners or GenFast min. 0.5" Facer GenFlex I.S.O. FIX II FlexWhite FPDM at a rate of 45-60 ft²/gal. Concrete Drive Fasteners Coated Glass Adhesive applied in 3/4"with GenFast 3" Round Facer 1" wide ribbons spaced Insulation (Concrete) 12" o.c. **Insulation Attachment** Design Pressure (psf) Density (ft² / fastener) Parts per 4 x 8' board Parts per 4 x 4' board

6

2.7

 $0 < P \le -45.0$

TABLE 2-D (Continued): ELEVATE EPDM AND GENFLEX EPDM - NEW CONSTRUCTION, REROOF (Tear-Off) or RECOVER STEEL or CONCRETE DECK, MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER Base Insulation Layer (s) **Top Insulation Layer (s) Roof Cover** Assembly Substrate No. Type **Attach** Type Attach Membrane Attach Elevate I.S.O. Twin Pack RubberGard FR®, LS-Bonding Adhesive BA-Elevate All-Purpose Fasteners Adhesive applied in 1/2"-FR®, LS-FR PT®, 2004 T or Single-Ply with Elevate Insulation 3/4" wide ribbons spaced (Optional) Platinum®, MAX®, LVOC Bonding Adhesive Fastening Plates (**Steel**) 12" o.c. Min. 1.5" MAX FR®, MAX PT® applied at a rate of 45-60 or Min. 2.0" RESISTA 107 or EcoWhite® ft²/gal. **RESISTA Elevate Heavy-Duty Fasteners** followed by Elevate I.S.O. Stick (SC-55)or Concrete Drive Fasteners min. 0.5" Adhesive or Elevate I.S.O. RubberGard EPDM with Elevate Insulation **RESISTA** FIX II Adhesive applied in SA or FullForce Self-adhered Min. 22 ga., Type B, Fastening Plates (Concrete) 3/4"-1" wide ribbons **EPDM** Grade 33 steel max spaced 12" o.c. 6' spans (**New**) or OlyBond 500 applied in structural concrete GenFast AP Fasteners with 1/2"-3/4" wide ribbons (Optional) (New or Recover) GenFast 3" Round Insulation spaced 12" o.c. Min. 1.5" Plates (**Steel**) GenFlex II FR EPDM. GenFlex All Purpose Min. 2.0" Coated Glass Or AFR EPDM, AFR PT, Bonding Adhesive or Coated 108 Facer GenFlex One Step AFR, II FRM, II FRM-GenFlex EPDM Bonding GenFlex Heavy Duty Glass followed by Insulation Adhesive or (SC-56)FR, II FRM PT or Adhesive LVOC applied Fasteners or GenFast min. 0.5" Facer GenFlex I.S.O. FIX II FlexWhite FPDM at a rate of 45-60 ft²/gal. Concrete Drive Fasteners Coated Glass Adhesive applied in 3/4"with GenFast 3" Round Facer 1" wide ribbons spaced Insulation (Concrete) 12" o.c. **Insulation Attachment** Design Pressure (psf) Density (ft² / fastener) Parts per 4 x 8' board Parts per 4 x 4' board 8

4

4.0

TABLE 2-D (Continued): ELEVATE EPDM AND GENFLEX EPDM - NEW CONSTRUCTION, REROOF (Tear-Off) or RECOVER STEEL or CONCRETE DECK, MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER Base Insulation Layer (s) **Top Insulation Layer (s) Roof Cover** Assembly Substrate No. Type Attach Type Attach Membrane Attach Bonding Adhesive BA-Elevate I.S.O. Twin Pack 2004 T or Single-Ply RubberGard FR®, LS-**Elevate All-Purpose Fasteners** Adhesive applied in 1/2"-LVOC Bonding Adhesive FR®, LS-FR PT®, with Elevate Insulation 3/4" wide ribbons spaced applied at a rate of 45-60 Platinum®, MAX®, Fastening Plates (**Steel**) 12" o.c. ft²/gal or Water Based MAX FR®, MAX PT® or Bonding Adhesive-P 109 Min. 1.5" or EcoWhite® applied at a rate of 100-(SC-57) ISO 95+ GL **Elevate Heavy-Duty Fasteners** Flevate LS.O. Stick or Concrete Drive Fasteners Adhesive or Flevate LS.O. 120 ft²/gal. Min. 22 ga., Type with Elevate Insulation FIX II Adhesive applied in B. Grade 33 steel RubberGard FPDM Fastening Plates (Concrete) 3/4"-1" wide ribbons Min. 0.5" max 6' spans SA or FullForce Self-adhered spaced 12" o.c. DensDeck EPDM (New) or structural Prime OlyBond 500 applied in concrete (New or GenFast AP Fasteners with GenFlex All Purpose 1/2"-3/4" wide ribbons Recover) GenFast 3" Round Insulation Bonding Adhesive or spaced 12" o.c. Plates (**Steel**) GenFlex II FR EPDM, GenFlex EPDM Bonding or Min. 1.5" Adhesive LVOC applied Or AFR EPDM, AFR PT, 110 GenFlex GenFlex One Step at a rate of 45-60 ft²/gal AFR, II FRM, II FRM-GenFlex Heavy Duty ISO (SC-58) Insulation Adhesive or FR, II FRM PT or or GenFlex Water Based Fasteners or GenFast GenFlex I.S.O. FIX II Insulation FlexWhite EPDM **Bonding Adhesive** Concrete Drive Fasteners Adhesive applied in 3/4"applied at a rate of 100with GenFast 3" Round 1" wide ribbons spaced 120 ft²/gal. Insulation (Concrete) 12" o.c. **Insulation Attachment Design Pressure (psf)** Density (ft² / fastener) Parts per 4 x 4' board Parts per 4 x 8' board $0 < P \le -60.0$ 1.6 10

		•	d): ELEVATE EPDM AND GENF			-	•		
Assembly	Substrate	Base Insulation Layer (s)		Top Insulation Layer (s)			Roof Cover		
No.	No.		Attach	Туре	Attach		Membrane	Attach	
111		Min. 1.5"	Elevate All-Purpose Fasteners or Elevate Heavy-Duty	Min. 1.5" ISO	Elevate I.S.O. Twin Adhesive applied i 3/4" wide ribbons 12" o.c. or	in 1/2"-	RubberGard FR®, LS- FR®, LS-FR PT®, Platinum®, MAX®, MAX FR®, MAX PT® or EcoWhite®	Bonding Adhesive BA- 2004 T applied at a rate of 45-60 ft ² /gal.	
(SC-59)	Min. 22 ga., Type B, Grade 33 steel		Fasteners with Elevate Insulation Fastening Plates	95+ GL	Elevate I.S.O. Stick Adhesive or Elevat FIX II Adhesive app 3/4"-1" wide ribbo spaced 12" o.c.	te I.S.O. plied in	RubberGard EPDM SA or FullForce EPDM	Self-adhered	
112 (SC-60)	max 6' spans or structural concrete	Min. 1.5" GenFlex ISO Insulation	GenFast AP Fasteners or GenFlex Heavy Duty Fasteners with GenFast 3" Round Insulation Plates	Min. 1.5" GenFlex ISO Insulation	OlyBond 500 appli 1/2"-3/4" wide ribl spaced 12" o.c. or GenFlex One Step Insulation Adhesiv GenFlex I.S.O. FIX I Adhesive applied i 1" wide ribbons sp 12" o.c.	bons re or II in 3/4"-	GenFlex II FR EPDM, AFR EPDM, AFR PT, AFR, II FRM, II FRM- FR, II FRM PT or FlexWhite EPDM	GenFlex All Purpose Bonding Adhesive applied at a rate of 45-60 ft ² /gal.	
Docies	Drossuro (nef)		1	ln	sulation Attachmer	nt	•	·	
Design	Pressure (psf)	De	nsity (ft² / fastener)	Parts per 4 x 4' board			Parts per 4 x 8' board		
0 <	< P <u><</u> -75.0		1.6		10		20		

0 < P <u><</u> -75.0

1.6

TABLE 2-D (Continued): ELEVATE EPDM AND GENFLEX EPDM - NEW CONSTRUCTION, REROOF (Tear-Off) or RECOVER STEEL or CONCRETE DECK, MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER Base Insulation Layer (s) Top Insulation Layer (s) **Roof Cover Assembly** Substrate No. Type Attach Type Attach Membrane Attach Bonding Adhesive BA-Elevate I.S.O. Twin Pack 2004 T or Single-Ply RubberGard FR®, LS-**Elevate All-Purpose Fasteners** Adhesive applied in 1/2"-LVOC Bonding Adhesive FR®, LS-FR PT®, with Elevate Insulation 3/4" wide ribbons spaced applied at a rate of 45-60 Platinum®, MAX®, Fastening Plates (**Steel**) 12" o.c. ft²/gal or Water Based MAX FR®, MAX PT® or Bonding Adhesive-P 113 Min. 1.5" Min. 1.5" or EcoWhite® applied at a rate of 100-(SC-61) RESISTA Elevate Heavy-Duty Fasteners **RESISTA** Flevate LS.O. Stick or Concrete Drive Fasteners Adhesive or Flevate LS.O. 120 ft²/gal. Min. 22 ga., Type with Flevate Insulation FIX II Adhesive applied in B. Grade 33 steel RubberGard FPDM Fastening Plates (**Concrete**) 3/4"-1" wide ribbons max 6' spans SA or FullForce Self-adhered spaced 12" o.c. EPDM (New) or structural OlyBond 500 applied in concrete (New or GenFlex All Purpose GenFast AP Fasteners with 1/2"-3/4" wide ribbons Recover) Bonding Adhesive or GenFast 3" Round Insulation spaced 12" o.c. GenFlex II FR EPDM, GenFlex EPDM Bonding Plates (**Steel**) or Min. 1.5" Min. 1.5" Adhesive LVOC applied AFR EPDM, AFR PT, 114 Or GenFlex One Step Coated Coated Glass AFR, II FRM, II FRMat a rate of 45-60 ft²/gal (SC-62) Insulation Adhesive or GenFlex Heavy Duty Fasteners Glass Facer Facer FR, II FRM PT or or GenFlex Water Based GenFlex I.S.O. FIX II or GenFast Concrete Drive FlexWhite EPDM **Bonding Adhesive** Adhesive applied in 3/4"-Fasteners with GenFast 3" applied at a rate of 100-1" wide ribbons spaced Round Insulation (Concrete) 120 ft²/gal. 12" o.c. **Insulation Attachment Design Pressure (psf)** Density (ft² / fastener) Parts per 4 x 4' board Parts per 4 x 8' board

10

TABLE 2-D (Continued): ELEVATE EPDM AND GENFLEX EPDM - NEW CONSTRUCTION, REROOF (Tear-Off) or RECOVER STEEL or CONCRETE DECK, MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER Base Insulation Layer (s) **Top Insulation Layer (s) Roof Cover** Assembly Substrate No. Type **Attach** Type Attach Membrane Attach Bonding Adhesive BA-2004 T, Single-Ply LVOC Elevate I.S.O. Twin Pack RubberGard FR®, LS-Bonding Adhesive or **Elevate All-Purpose Fasteners** Adhesive applied in 1/2"-Min. 1.5" ISO FR®, LS-FR PT®, LVOC Bonding Adhesive with Elevate Insulation 3/4" wide ribbons spaced 95+ GL Platinum[®], MAX[®], 1168 applied at a rate of Fastening Plates (**Steel**) 12" o.c. MAX FR®, MAX PT® 45-60 ft²/gal or Water followed by Min. 2.0" 115 min. 0.5" or EcoWhite® Based Bonding Adhesive-(SC-63)ISO 95+ GI **Elevate Heavy-Duty Fasteners** Elevate I.S.O. Stick ISOGARD P applied at a rate of or Concrete Drive Fasteners Adhesive or Elevate I.S.O. HD or min. 100-120 ft²/gal. with Flevate Insulation FIX II Adhesive applied in Min. 22 ga., Type 7/16" OSB Fastening Plates (Concrete) 3/4"-1" wide ribbons B. Grade 33 steel RubberGard FPDM spaced 12" o.c. SA or FullForce Self-adhered max 6' spans (New) or FPDM structural GenFlex All Purpose concrete (New or OlyBond 500 applied in GenFast AP Fasteners with Bonding Adhesive, Recover) 1/2"-3/4" wide ribbons Min. 1.5" GenFast 3" Round Insulation GenFlex EPDM Bonding spaced 12" o.c. GenFlex ISO Plates (**Steel**) GenFlex II FR EPDM. Adhesive LVOC or EZ or Min. 2.0" Insulation Or AFR EPDM, AFR PT, TPO Bonding Adhesive 116 GenFlex followed by GenFlex One Step LVOC 1168 applied at a AFR, II FRM, II FRM-GenFlex Heavy Duty (SC-64) ISO min. 0.5" Insulation Adhesive or FR. II FRM PT or rate of 45-60 ft²/gal or Fasteners or GenFast Insulation GenFlex HD GenFlex I.S.O. FIX II GenFlex Water Based FlexWhite EPDM Concrete Drive Fasteners ISO or min. Adhesive applied in 3/4"-**Bonding Adhesive** with GenFast 3" Round 7/16" OSB 1" wide ribbons spaced applied at a rate of 100-Insulation (Concrete) 12" o.c. 120 ft²/gal. **Insulation Attachment** Design Pressure (psf) Density (ft² / fastener) Parts per 4 x 4' board Parts per 4 x 8' board 0 < P < -105.01.0 16 32

TABLE 2-D (Continued): ELEVATE EPDM AND GENFLEX EPDM - NEW CONSTRUCTION, REROOF (Tear-Off) or RECOVER STEEL or CONCRETE DECK, MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER **Base Insulation Layer (s) Top Insulation Layer (s) Roof Cover** Assembly Substrate No. Type **Attach** Type Attach Membrane Attach Elevate I.S.O. Twin Pack Elevate All-Purpose Fasteners Adhesive applied in 1/2"with Elevate Insulation 3/4" wide ribbons spaced RubberGard FR®, LS-Fastening Plates (**Steel**) 12" o.c. FR®, LS-FR PT®, Single-Ply LVOC Bonding or Min. 2.0" 117 Platinum[®], MAX[®], Adhesive 1168 applied at ISO 95+ GL **Elevate Heavy-Duty Fasteners** Elevate I.S.O. Stick (SC-65)MAX FR®, MAX PT® a rate of 45-60 ft²/gal. or Concrete Drive Fasteners Adhesive or Elevate I.S.O. or EcoWhite® Min. 22 ga., Type with Elevate Insulation FIX II Adhesive applied in B, Grade 33 steel Fastening Plates (Concrete) 3/4"-1" wide ribbons Min. 0.5" max 6' spans spaced 12" o.c. DensDeck (New) or OlyBond 500 applied in structural GenFast AP Fasteners with Prime 1/2"-3/4" wide ribbons concrete (New or GenFast 3" Round Insulation spaced 12" o.c. Recover) Plates (**Steel**) GenFlex II FR EPDM. Min. 2.0" or EZ TPO Bonding Or AFR EPDM, AFR PT, GenFlex 118 GenFlex One Step Adhesive LVOC 1168 AFR, II FRM, II FRM-GenFlex Heavy Duty ISO Insulation Adhesive or applied at a rate of 45-60 (SC-66) FR, II FRM PT or Fasteners or GenFast Insulation GenFlex I.S.O. FIX II ft²/gal. FlexWhite FPDM Concrete Drive Fasteners Adhesive applied in 3/4"with GenFast 3" Round 1" wide ribbons spaced Insulation (Concrete) 12" o.c. **Insulation Attachment** Design Pressure (psf) Density (ft² / fastener) Parts per 4 x 8' board Parts per 4 x 4' board 0 < P <u><</u> -112.5 1.0 16 32

0 < P < -120.0

TABLE 2-D (Continued): ELEVATE EPDM AND GENFLEX EPDM - NEW CONSTRUCTION, REROOF (Tear-Off) or RECOVER STEEL or CONCRETE DECK, MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER Base Insulation Layer (s) **Top Insulation Layer (s) Roof Cover** Assembly Substrate No. Type Attach Type Attach Membrane Attach Bonding Adhesive BA-Elevate All-Purpose Elevate I.S.O. Twin Pack 2004 T or Single-Ply RubberGard FR®, LS-Fasteners with Elevate Adhesive applied in 1/2"-LVOC Bonding Adhesive FR®, LS-FR PT®, 3/4" wide ribbons spaced Insulation Fastening Plates applied at a rate of 45-60 Platinum®, MAX®, (Steel) 12" o.c. ft²/gal or Water Based MAX FR®, MAX PT® Or Bonding Adhesive-P 119 Min. 2.0" Min. 1.5" or EcoWhite® applied at a rate of 100-(SC-67) **RESISTA** Elevate Heavy-Duty RESISTA Flevate LS.O. Stick Fasteners or Concrete Drive Adhesive or Flevate LS.O. 120 ft²/gal. Min. 22 ga., Type Fasteners with Flevate FIX II Adhesive applied in B. Grade 33 steel RubberGard FPDM Insulation Fastening Plates 3/4"-1" wide ribbons max 6' spans SA or FullForce Self-adhered spaced 12" o.c. (Concrete) EPDM (New) or structural OlyBond 500 applied in concrete (New or GenFast AP Fasteners with GenFlex All Purpose 1/2"-3/4" wide ribbons Recover) GenFast 3" Round Insulation Bonding Adhesive or spaced 12" o.c. Plates (**Steel**) GenFlex II FR EPDM, GenFlex EPDM Bonding or Min. 2.0" Min. 1.5" Adhesive LVOC applied Or AFR EPDM, AFR PT, 120 GenFlex One Step Coated Glass Coated Glass at a rate of 45-60 ft²/gal AFR, II FRM, II FRM-GenFlex Heavy Duty (SC-68) Insulation Adhesive or Facer Facer FR, II FRM PT or or GenFlex Water Based Fasteners or GenFast GenFlex I.S.O. FIX II FlexWhite EPDM Bonding Adhesive Concrete Drive Fasteners Adhesive applied in 3/4"applied at a rate of 100with GenFast 3" Round 1" wide ribbons spaced 120 ft²/gal. Insulation (Concrete) 12" o.c. **Insulation Attachment Design Pressure (psf)** Density (ft² / fastener) Parts per 4 x 4' board Parts per 4 x 8' board

16

1.0

0 < P <u><</u> -127.5

1.0

TABLE 2-D (Continued): ELEVATE EPDM AND GENFLEX EPDM - NEW CONSTRUCTION, REROOF (Tear-Off) or RECOVER STEEL or CONCRETE DECK, MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER Base Insulation Layer (s) **Top Insulation Layer (s) Roof Cover** Assembly Substrate No. Type Attach Type Attach Membrane Attach Elevate I.S.O. Twin Pack RubberGard FR®, LS-Bonding Adhesive BA-Elevate All-Purpose Fasteners with Adhesive applied in 1/2"-FR®, LS-FR PT®, 2004 T or Single-Ply Elevate Insulation Fastening Plates 3/4" wide ribbons spaced Platinum®, MAX®, LVOC Bonding Adhesive (Steel) 12" o.c. MAX FR®, MAX PT® applied at a rate of 45-60 Min. 2.0" Min. 1.0" ISO 121 or EcoWhite® ft²/gal. ISO 95+ (SC-69) Elevate Heavy-Duty Fasteners or 95+ GL Elevate I.S.O. Stick GL Min. 22 ga., Concrete Drive Fasteners with Adhesive or Elevate I.S.O. RubberGard EPDM Type B, Elevate Insulation Fastening Plates FIX II Adhesive applied in SA or FullForce Self-adhered Grade 80 3/4"-1" wide ribbons (Concrete) **EPDM** steel max 6' spaced 12" o.c. spans (New) OlyBond 500 applied in or structural 1/2"-3/4" wide ribbons concrete GenFast AP Fasteners with GenFast spaced 12" o.c. (New or 3" Round Insulation Plates (**Steel**) GenFlex II FR EPDM. GenFlex All Purpose Min. 2.0" Recover) Or Min. 1.0" AFR EPDM, AFR PT, Bonding Adhesive or 122 GenFlex GenFlex One Step GenFlex ISO AFR, II FRM, II FRM-GenFlex EPDM Bonding GenFlex Heavy Duty Fasteners or ISO Insulation Adhesive or (SC-70)Insulation FR, II FRM PT or Adhesive LVOC applied GenFast Concrete Drive Fasteners Insulation GenFlex I.S.O. FIX II at a rate of 45-60 ft²/gal. FlexWhite FPDM with GenFast 3" Round Insulation Adhesive applied in 3/4"-(Concrete) 1" wide ribbons spaced 12" o.c. **Insulation Attachment** Design Pressure (psf) Density (ft² / fastener) Parts per 4 x 8' board Parts per 4 x 4' board

16

0 < P <u><</u> -135.0

TABLE 2-D (Continued): ELEVATE EPDM AND GENFLEX EPDM - NEW CONSTRUCTION, REROOF (Tear-Off) or RECOVER STEEL or CONCRETE DECK, MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER **Base Insulation Layer (s) Top Insulation Layer (s) Roof Cover** Assembly Substrate No. Type **Attach** Type Attach Membrane Attach Elevate I.S.O. Twin Pack Elevate All-Purpose Fasteners Adhesive applied in 1/2"with Elevate Insulation 3/4" wide ribbons spaced RubberGard FR®, LS-Fastening Plates (**Steel**) 12" o.c. Min. 0.5" FR®, LS-FR PT®, Single-Ply LVOC Bonding or Min. 2.0" 123 **ISOGARD** Platinum[®], MAX[®], Adhesive 1168 applied at (SC-71) ISO 95+ GL **Elevate Heavy-Duty Fasteners** Elevate I.S.O. Stick HD MAX FR®, MAX PT® a rate of 45-60 ft²/gal. or Concrete Drive Fasteners Adhesive or Elevate I.S.O. or EcoWhite® Min. 22 ga., Type with Elevate Insulation FIX II Adhesive applied in B, Grade 80 steel Fastening Plates (**Concrete**) 3/4"-1" wide ribbons max 6' spans spaced 12" o.c. (New) or OlyBond 500 applied in structural GenFast AP Fasteners with 1/2"-3/4" wide ribbons concrete (New or GenFast 3" Round Insulation spaced 12" o.c. Recover) Plates (**Steel**) GenFlex II FR EPDM. Min. 2.0" or EZ TPO Bonding Min. 0.5" Or AFR EPDM, AFR PT, 124 GenFlex GenFlex One Step Adhesive LVOC 1168 GenFlex HD AFR, II FRM, II FRM-GenFlex Heavy Duty ISO Insulation Adhesive or applied at a rate of 45-60 (SC-72)ISO FR, II FRM PT or Fasteners or GenFast Insulation GenFlex I.S.O. FIX II ft²/gal. FlexWhite FPDM Concrete Drive Fasteners Adhesive applied in 3/4"with GenFast 3" Round 1" wide ribbons spaced Insulation (Concrete) 12" o.c. **Insulation Attachment** Design Pressure (psf) Density (ft² / fastener) Parts per 4 x 8' board Parts per 4 x 4' board

16

1.0

	TABLE 3-A: ELEVATE EPDM AND GENFLEX EPDM – NEW CONSTRUCTION or REROOF (Tear-Off) STEEL or CONCRETE DECK, PRELIMINARILY ATTACHED INSULATION, MECHANICALLY ATTACHED ROOF COVER									
Assembly	Collectivate	Insulation	on Layer (s)		Roof Cover					
No.	Substrate	Type Attach		Membrane	Fastener					
125 (SC-73)	Min. 22 ga., Type B, Grade 80 steel	Min. 1.5" ISO 95+ GL	Bulliotic di succioni	RubberGard MAX®	Elevate All-Purpose Fasteners with Elevate Metal Batten Strips or Elevate V-Plates					
126 (SC-74)	max 6' spans or structural concrete	Min. 1.5" GenFlex ISO Insulation		GenFlex II FRM	GenFast AP with GenFlast Batten Strips or GenFast Venting Seam Plates					
Design	Pressure (psf)	Membrane Attachment								
0 <	: P <u><</u> -52.5		6" o.c. fastener	spacing at 6" laps and 114"	o.c.					

	TABLE 3-A (Continued): ELEVATE EPDM AND GENFLEX EPDM – NEW CONSTRUCTION or REROOF (Tear-Off) STEEL or CONCRETE DECK, PRELIMINARILY ATTACHED INSULATION, MECHANICALLY ATTACHED ROOF COVER									
Assembly	Substrate	Insulat	ion Layer (s)		Roof Cover					
No.	Substrate	Type Attach		Membrane	Fastener					
127 (SC-75)	Min. 22 ga., Type B, Grade 33 steel	Min. 1.5" ISO 95+ GL		RubberGard MAX®, MAX FR® or MAX PT®	Elevate Heavy Duty Fasteners with Elevate Polymer Batten Strips					
128 (SC-76)	max 6' spans or structural concrete	Min. 1.5" GenFlex ISO Insulation		GenFlex II FRM, II FRM-FR or II FRM PT	GenFlex Heavy Duty Fasteners with GenFast 3/4" Polymer Batten Strips					
Design	Pressure (psf)	Membrane Attachment								
0 <	: P <u><</u> -52.5		6" o.c. fastener spacing at 6" laps and 84" o.c.							

	TABLE 3-A (Continued): ELEVATE EPDM AND GENFLEX EPDM – NEW CONSTRUCTION or REROOF (Tear-Off) STEEL or CONCRETE DECK, PRELIMINARILY ATTACHED INSULATION, MECHANICALLY ATTACHED ROOF COVER									
Assembly	Collectivate	Insulation Lay	/er (s)	Roof Cover						
No.	Substrate	Туре	Attach	Membrane	Fastener					
129 (SC-77)	Min. 22 ga., Type B, Grade 33 steel max 5' spans or	Min. 1.5" thick, one or	Preliminarily	RubberGard MAX®	Elevate All-Purpose Fasteners with Elevate Seam Plates					
130 (SC-78)	structural concrete	more layers, any combination	attached	GenFlex II FRM	GenFast AP Fasteners with GenFast 2" Metal Seam Plates					
De	esign Pressure (psf)	Membrane Attachment								
	0 < P <u><</u> -45.0		12" o.c. fastener spacing at 7" laps and 84" o.c.							

TABLE 3-A (Continued): ELEVATE EPDM AND GENFLEX EPDM – NEW CONSTRUCTION or REROOF (Tear-Off) STEEL or CONCRETE DECK, PRELIMINARILY ATTACHED INSULATION, MECHANICALLY ATTACHED ROOF COVER					
Assembly No.	Substrate	Insulation Layer (s)		Roof Cover	
		Туре	Attach	Membrane	Fastener
131 (SC-79)	Min. 22 ga., Type B, Grade 33 steel max	Min. 1.5" thick, one or more layers, any combination	Preliminarily attached	RubberGard MAX®	Elevate All-Purpose Fasteners with Elevate Batten Strips
132 (SC-80)	6' spans or structural concrete			GenFlex II FRM	GenFast AP Fasteners with GenFast Batten Strips
Design Pressure (psf)		Membrane Attachment			
0 < P <u><</u> -45.0		6" o.c. fastener spacing at 6" laps and 114" o.c.			

	TABLE 3-A (Continued): ELEVATE EPDM AND GENFLEX EPDM – NEW CONSTRUCTION or REROOF (Tear-Off) STEEL or CONCRETE DECK, PRELIMINARILY ATTACHED INSULATION, MECHANICALLY ATTACHED ROOF COVER									
Assembly	Substrate	Insulation Lay	/er (s)	Roof	Cover					
No.	Substrate	Туре	Attach	Membrane	Fastener					
133 (SC-81)	Min. 22 ga., Type B, Grade 80 steel max 6'	Min. 1.5" ISO 95+ GL	Preliminarily	Min. 60 mil RubberGard MAX® or MAX FR®	Elevate All-Purpose Fasteners with Elevate V- Plates					
134 (SC-82)	spans or structural concrete	Min. 1.5" GenFlex ISO Insulation	attached	Min. 60 mil GenFlex II FRM or II FRM-FR	GenFast AP Fasteners with GenFast Venting Seam Plates					
Desig	Design Pressure (psf)			Membrane Attachment						
0 < P <u><</u> -52.5		6" o.c. fastener spacing at 6" laps and 114" o.c.								

	TABLE 3-B: ELEVATE EPDM AND GENFLEX EPDM – NEW CONSTRUCTION, REROOF (Tear-Off) or RECOVER STEEL or CONCRETE DECK, PRELIMINARILY ATTACHED INSULATION, MECHANICALLY ATTACHED ROOF COVER									
Assembly	Culatuata	Insulation	ո Layer (s)		Roof Cover					
No.	Substrate	Туре	Attach	Membrane	Fastener					
135 (SC-83)	Min. 22 ga., Type B, Grade 33 steel	Min. 1.5" thick, one or more	Darling in order of a d	RubberGard LS-FR®, LS-FR PT®, Platinum®, MAX®, MAX FR® or MAX PT®	Elevate Purlin Fasteners or Elevate Heavy Duty Fasteners with Elevate Coiled Metal Batten Strips					
136 (SC-84)	max 6' spans or structural concrete	layers, any combination	Preliminarily attached	GenFlex AFR EPDM, AFR PT, AFR, II FRM, II FRM-FR or II FRM PT	GenFast Purlin Fasteners or GenFlex Heavy Duty Fasteners with GenFast Polymer Batten Strips					
Design	Pressure (psf)	Membrane Attachment								
0 <	C P <u><</u> −45.0		Fasteners 6" o.c. throug	h batten within 6" laps spaced	72" o.c.					

	TABLE 3-B (Continued): ELEVATE EPDM AND GENFLEX EPDM – NEW CONSTRUCTION, REROOF (Tear-Off) or RECOVER STEEL or CONCRETE DECK, PRELIMINARILY ATTACHED INSULATION, MECHANICALLY ATTACHED ROOF COVER									
Assembly	Substrate	Insulation	ո Layer (s)		Roof Cover					
No.	Substrate	Туре	Attach	Membrane	Fastener					
137 (SC-85)	Min. 22 ga., Type B, Grade 33 steel	Min. 1.5" thick, one or more	Darling in a silve attack and	RubberGard LS-FR®, LS-FR PT®, Platinum®, MAX®, MAX FR® or MAX PT®	Elevate Purlin Fasteners or Elevate Heavy Duty Fasteners with Elevate Coiled Metal Batten Strips					
138 (SC-86)	max 6' spans or structural concrete	layers, any combination	Preliminarily attached	GenFlex AFR EPDM, AFR PT, AFR, II FRM, II FRM-FR or II FRM PT	GenFast Purlin Fasteners or GenFlex Heavy Duty Fasteners with GenFast Polymer Batten Strips					
Design	Pressure (psf)	Membrane Attachment								
0 <			Fasteners 12" o.c. throug	gh batten within 6" laps spaced	84" o.c.					

	TABLE 3-B (Continued): ELEVATE EPDM AND GENFLEX EPDM – NEW CONSTRUCTION, REROOF (Tear-Off) or RECOVER STEEL or CONCRETE DECK, PRELIMINARILY ATTACHED INSULATION, MECHANICALLY ATTACHED ROOF COVER									
Assembly	Cbatwata	Insulation	ո Layer (s)		Roof Cover					
No.	Substrate	Туре	Attach	Membrane	Fastener					
139 (SC-87)	Min. 22 ga., Type B, Grade 80 steel	Min. 1.5" ISO 95+ GL	Dulinia il autolo d	RubberGard LS-FR®, LS-FR PT®, Platinum®, MAX®, MAX FR® or MAX PT®	Elevate All-Purpose Fasteners with Elevate Polymer Batten Strips					
140 (SC-88)	max 6' spans or structural concrete	Min. 1.5" GenFlex ISO Insulation	Preliminarily attached	GenFlex AFR EPDM, AFR PT, AFR, II FRM, II FRM-FR or II FRM PT	GenFast AP with GenFast Polymer Batten Strips					
Design	Pressure (psf)	Membrane Attachment								
0 <	< P <u><</u> -45.0		• •		red over each strip and fastened 6" o.c. Roof nen rolling into place with a hand roller.					

	TABLE 3-B (Continued): ELEVATE EPDM AND GENFLEX EPDM – NEW CONSTRUCTION, REROOF (Tear-Off) or RECOVER STEEL or CONCRETE DECK, PRELIMINARILY ATTACHED INSULATION, MECHANICALLY ATTACHED ROOF COVER										
Assembly	Culanturata	Insulation	n Layer (s)		Roof Cover						
No.	Substrate	Туре	Attach	Membrane	Fastener						
141 (SC-89)	Min. 22 ga., Type B, Grade 33 steel max 6' spans		Preliminarily attached	RubberGard MAX®, MAX FR® or MAX PT®	Elevate Heavy Duty Fasteners with Elevate Coiled Metal Batten Strips						
142 (SC-90)	(New) or structural concrete (New or Recover)	Min. 1.5" thick, one or more layers, any combination		GenFlex II FRM, II FRM-FR or II FRM PT	GenFlex Heavy Duty Fasteners with GenFast Polymer Batten Strips						
Design	Pressure (psf)	Membrane Attachment									
0 <	∶ P <u><</u> -52.5				ered over each strip and fastened 6" o.c. Roof then rolling into place with a hand roller.						

	TABLE 3-B (Continued): ELEVATE EPDM AND GENFLEX EPDM – NEW CONSTRUCTION, REROOF (Tear-Off) or RECOVER STEEL or CONCRETE DECK, PRELIMINARILY ATTACHED INSULATION, MECHANICALLY ATTACHED ROOF COVER										
Assembly	Culastrata	Insulation	n Layer (s)		Roof Cover						
No.	Substrate	Туре	Attach	Membrane	Fastener						
143 (SC-91)	Min. 22 ga., Type B, Grade 33 steel max 6' spans	Min. 1.5" thick, one or more		RubberGard MAX® or MAX FR®	Elevate All-Purpose Fasteners (Steel Only) or Elevate Heavy-Duty Fasteners with Elevate V-Plates						
144 (SC-92)	(New) or structural concrete (New or Recover)	layers, any combination	Preliminarily attached	GenFlex II FRM or II FRM-FR	GenFast AP (Steel Only) or GenFlex Heavy Duty Fasteners with GenFast Venting Seam Plates						
Design Pressure (psf)				mbrane Attachment							
0 <	: P <u><</u> -52.5		6" o.c. fastener	spacing at 7" laps and 84" o.c.							

	TABLE 3-B (Continued): ELEVATE EPDM AND GENFLEX EPDM – NEW CONSTRUCTION, REROOF (Tear-Off) or RECOVER STEEL or CONCRETE DECK, PRELIMINARILY ATTACHED INSULATION, MECHANICALLY ATTACHED ROOF COVER									
Assembly	Cularturata	Insulation	n Layer (s)		Roof Cover					
No.	Substrate	Туре	Attach	Membrane	Fastener					
145 (SC-93)	Min. 22 ga., Type B, Grade 80 steel	Min. 1.5" ISO 95+ GL	Dealise in a vilva atta ale a d	RubberGard MAX® or MAX FR®	Elevate Heavy Duty Fasteners with Elevate Polymer Batten Strips					
146 (SC-94)	max 6' spans or structural concrete	Min. 1.5" GenFlex ISO Insulation	Preliminarily attached	GenFlex II FRM or II FRM-FR	GenFlex Heavy Duty Fasteners with GenFast 3/4" Polymer Batten Strips					
Design	Pressure (psf)		Membrane Attachment							
0 <	C P <u><</u> −60.0		Fasteners 12" o.c. throug	h batten within 6" laps spaced	114" o.c.					

	TABLE 4: ELEVATE EPDM AND GENFLEX EPDM – NEW CONSTRUCTION or REROOF (Tear-Off)										
	CONCRETE DECK, BONDED INSULATION, BONDED ROOF COVER Base Insulation Layer (s) Top Insulation Layer (s) Roof Cover Dec										
Assembly	Substrate	Primer	Base Insulation	on Layer (s)	l op Insulati	on Layer (s)		Roof Cover	Design Pressure		
No.	· · · · · · · ·	Туре	Attach	Туре	Attach	Membrane	Attach	(psf)			
147 (C-1)			Min. 1.5" ISO 95+ GL	Hot asphalt	Min. 0.25" DensDeck		RubberGard FR®, LS-FR®, LS-FR PT®, Platinum®, MAX®, MAX FR®, MAX PT® or EcoWhite® RubberGard EPDM	Elevate BA-2004 T applied at a rate of 45-60 ft²/gal.			
	Structural concrete	ASTM D41				Hot asphalt	SA or FullForce EPDM	Self-adhered	-165.0		
148 (C-2)	concrete ASIM D41		Min. 1.5" GenFlex ISO Insulation				GenFlex II FR EPDM, AFR EPDM, AFR PT, AFR, II FRM, II FRM-FR, II FRM PT or FlexWhite EPDM	GenFlex All Purpose Bonding Adhesive applied at a rate of 45-60 ft ² /gal.			

TABLE 4 (Continued): ELEVATE EPDM AND GENFLEX EPDM – NEW CONSTRUCTION or REROOF (Tear-Off) CONCRETE DECK, BONDED INSULATION, BONDED ROOF COVER **Base Insulation Layer (s) Top Insulation Layer (s) Roof Cover** Design **Assembly** Pressure Substrate Primer No. Membrane Attach Attach Attach Type Type (psf) RubberGard FR®, LS-FR®, LS-FR PT®, Elevate BA-2004 T applied at Platinum[®], MAX[®], (Optional) Min. a rate of 45-60 ft²/gal. MAX FR®, MAX PT® 149 Min. 1.5" ISO 1.5" ISO 95+ (C-3)95+ GL or EcoWhite® GL RubberGard EPDM SA or FullForce Self-adhered Structural ASTM D41 Hot asphalt Hot asphalt -195.0 concrete **EPDM** GenFlex II FR EPDM, AFR EPDM, Min. 1.5" (Optional) Min. GenFlex All Purpose Bonding 150 AFR PT, AFR, II Adhesive applied at a rate of GenFlex ISO 1.5" GenFlex (C-4)FRM, II FRM-FR, II Insulation ISO Insulation 45-60 ft²/gal. FRM PT or FlexWhite EPDM

TABLE 4 (Continued): ELEVATE EPDM AND GENFLEX EPDM – NEW CONSTRUCTION or REROOF (Tear-Off) CONCRETE DECK, BONDED INSULATION, BONDED ROOF COVER **Base Insulation Layer (s)** Design Top Insulation Layer (s) **Roof Cover** Assembly Substrate Primer Pressure No. Membrane **Attach** Type Attach Type Attach (psf) Bonding Adhesive BA-2004 T applied at RubberGard FR®, a rate of 45-60 ft²/gal or Water Based Elevate I.S.O. LS-FR®, Platinum®, Bonding Adhesive-P applied at a rate of Twin Pack Elevate I.S.O. Twin Adhesive Min. 0.5" Pack Adhesive MAX®, MAX FR® 100-120 ft²/gal or EPDM Solvent Free Min. 1.5" 151 **ISOGARD** or EcoWhite® Bonding Adhesive applied at a rate of applied in applied in 1/2"-(C-5)ISO 95+ GL 1/2"-3/4" wide 3/4" wide ribbons 150 ft²/gal. HD spaced 12" o.c. RubberGard FPDM ribbons spaced Structural 12" o.c. -222.5 None SA or FullForce Self-adhered concrete **EPDM** GenFlex All Purpose Bonding Adhesive OlyBond 500 GenFlex II FR applied at a rate of 45-60 ft²/gal or Min. 1.5" OlyBond 500 Min. 0.5" EPDM, AFR EPDM, applied in GenFlex 152 applied in 1/2"-GenFlex Water Based Bonding Adhesive 1/2"-3/4" wide GenFlex AFR, II FRM, II (C-6)ISO 3/4" wide ribbons applied at a rate of 100-120 ft²/gal or ribbons spaced HD ISO FRM-FR or GenFlex EPDM Solvent Free Bonding Insulation spaced 12" o.c. 12" o.c. FlexWhite EPDM Adhesive applied at a rate of 150 ft²/gal. Bonding Adhesive BA-2004 T applied at RubberGard FR®. a rate of 45-60 ft²/gal or Water Based Elevate I.S.O. Bonding Adhesive-P applied at a rate of Elevate I.S.O. Stick LS-FR®, Platinum®, Stick Adhesive MAX®, MAX FR® 100-120 ft²/gal or EPDM Solvent Free Min. 0.5" Adhesive applied Min. 1.5" 153 applied in **ISOGARD** in 3/4"-1" wide or FcoWhite® Bonding Adhesive applied at a rate of (C-7)ISO 95+ GL 3/4"-1" wide 150 ft²/gal HD ribbons spaced ribbons spaced 12" o.c. RubberGard EPDM 12" o.c. ASTM SA or FullForce Structural Self-adhered -247.5 D41 **EPDM** concrete GenFlex One GenFlex All Purpose Bonding Adhesive GenFlex One Step Step Insulation GenFlex II FR applied at a rate of 45-60 ft²/gal or Min. 1.5" Insulation Min. 0.5" Adhesive EPDM, AFR EPDM, 154 GenFlex Adhesive applied GenFlex Water Based Bonding Adhesive applied in GenFlex AFR, II FRM, II (C-8)ISO in 3/4"-1" wide applied at a rate of 100-120 ft²/gal or 3/4"-1" wide HD ISO FRM-FR or Insulation ribbons spaced GenFlex EPDM Solvent Free Bonding ribbons spaced FlexWhite FPDM 12" o.c. Adhesive applied at a rate of 150 ft²/gal.

12" o.c.

TABLE 4 (Continued): ELEVATE EPDM AND GENFLEX EPDM – NEW CONSTRUCTION or REROOF (Tear-Off) CONCRETE DECK, BONDED INSULATION, BONDED ROOF COVER **Base Insulation Layer (s) Roof Cover Assembly** Design Substrate Pressure (psf) No. **Attach** Membrane Attach Type Bonding Adhesive BA-2004 T applied at a rate of 45-60 ft²/gal RubberGard FR®, LSor Water Based Bonding Adhesive-P applied at a rate of 100-Elevate I.S.O. Twin Pack FR®, Platinum®, MAX®, Min. 0.5" 155 Adhesive applied in 120 ft²/gal or EPDM Solvent Free Bonding Adhesive applied at a MAX FR® or EcoWhite® **ISOGARD** rate of 150 ft²/gal. (C-9)1/2"-3/4" wide ribbons HD spaced 12" o.c. RubberGard EPDM SA Structural Self-adhered -300.0 or FullForce EPDM concrete GenFlex All Purpose Bonding Adhesive applied at a rate of 45-GenFlex II FR EPDM, Min. 0.5" OlyBond 500 applied in 156 AFR EPDM, AFR, II FRM, 60 ft²/gal or GenFlex Water Based Bonding Adhesive applied at GenFlex HD 1/2"-3/4" wide ribbons a rate of 100-120 ft²/gal or GenFlex EPDM Solvent Free Bonding II FRM-FR or FlexWhite (C-10)ISO spaced 12" o.c. **EPDM** Adhesive applied at a rate of 150 ft²/gal. Bonding Adhesive BA-2004 T applied at a rate of 45-60 ft²/gal Elevate I.S.O. Stick Min. 0.5" or Water Based Bonding Adhesive-P applied at a rate of 100-157 Adhesive applied in **ISOGARD** RubberGard EcoWhite® 3/4"-1" wide ribbons 120 ft²/gal or EPDM Solvent Free Bonding Adhesive applied at a (C-11)HD Structural spaced 12" o.c. rate of 150 ft²/gal. -405.0 GenFlex All Purpose Bonding Adhesive applied at a rate of 45concrete GenFlex One Step Min. 0.5" 158 Insulation Adhesive GenFlex FlexWhite 60 ft²/gal or GenFlex Water Based Bonding Adhesive applied at GenFlex HD a rate of 100-120 ft²/gal or GenFlex EPDM Solvent Free Bonding (C-12)applied in 3/4"-1" wide **EPDM** ISO ribbons spaced 12" o.c. Adhesive applied at a rate of 150 ft²/gal.

TABLE 4 (Continued): ELEVATE EPDM AND GENFLEX EPDM – NEW CONSTRUCTION or REROOF (Tear-Off) CONCRETE DECK, BONDED INSULATION, BONDED ROOF COVER Base Insulation Layer (s) **Roof Cover** Design **Top Insulation Layer (s) Assembly** Substrate Pressure No. Attach Attach Membrane Attach Type Type (psf) Elevate I.S.O. Bonding Adhesive BA-2004 T applied RubberGard FR®, LS-FR®, Elevate I.S.O. First Layer: Min. Twin Pack LS-FR PT®, Platinum®, at a rate of 45-60 ft²/gal or EPDM Twin Pack 1.5" ISO 95+ GL Min. 0.5" Adhesive MAX[®], MAX FR[®], MAX Solvent Free Bonding Adhesive applied 159 Adhesive applied Second Layer ISOGARD applied in PT® or EcoWhite® at a rate of 150 ft²/gal (C-13)in 1/2"-3/4" wide (Optional): Min. HD 1/2"-3/4" wide ribbons spaced RubberGard EPDM SA or 1.5" ISO 95+ GL ribbons spaced Self-adhered 12" o.c. FullForce EPDM 12" o.c. Structural -247.5 First Layer: Min. concrete 1.5" GenFlex ISO OlyBond 500 GenFlex All Purpose Bonding Adhesive OlyBond 500 GenFlex II FR EPDM, AFR Insulation Min. 0.5" applied in applied at a rate of 45-60 ft²/gal or applied in 1/2"-160 EPDM, AFR PT, AFR, II Second Layer GenFlex 1/2"-3/4" wide GenFlex EPDM Solvent Free Bonding (C-14)3/4" wide ribbons FRM, II FRM-FR, II FRM PT HD ISO ribbons spaced (Optional): Min. Adhesive applied at a rate of 150 spaced 12" o.c. or FlexWhite EPDM 1.5" GenFlex ISO 12" o.c. ft²/gal. Insulation

TABLE 4 (Continued): ELEVATE EPDM AND GENFLEX EPDM – NEW CONSTRUCTION or REROOF (Tear-Off) CONCRETE DECK, BONDED INSULATION, BONDED ROOF COVER Base Insulation Layer (s) **Roof Cover** Design Top Insulation Layer (s) **Assembly** Substrate Pressure No. Type Attach Attach Membrane Attach Type (psf) RubberGard FR®, LS-Bonding Adhesive BA-2004 T Elevate I.S.O. FIX II FR®, LS-FR PT®, First Layer: Min. Elevate I.S.O. FIX II applied at a rate of 45-60 Adhesive or Elevate 1.5" ISO 95+ GL Adhesive or Elevate Min. 0.5" Platinum[®], MAX[®], MAX ft²/gal or EPDM Solvent Free 161 I.S.O. Stick Adhesive **ISOGARD** FR®, MAX PT® or Second Layer I.S.O. Stick Adhesive Bonding Adhesive applied at a (C-15)applied in 3/4"-1" (Optional): Min. applied in 3/4"-1" wide HD EcoWhite® rate of 150 ft²/gal wide ribbons spaced 1.5" ISO 95+ GL ribbons spaced 12" o.c. RubberGard EPDM SA 12" o.c. Self-adhered Structural or FullForce EPDM -277.5 concrete First Layer: Min. GenFlex I.S.O. FIX II GenFlex I.S.O. FIX II 1.5" GenFlex ISO GenFlex II FR EPDM. GenFlex All Purpose Bonding Adhesive or GenFlex Min. Adhesive or GenFlex Insulation Adhesive applied at a rate of AFR EPDM, AFR PT, AFR, 162 0.5" One Step Insulation One Step Insulation **Second Layer** II FRM, II FRM-FR, II 45-60 ft²/gal or GenFlex EPDM (C-16)Adhesive applied in GenFlex Adhesive applied in FRM PT or FlexWhite Solvent Free Bonding Adhesive (Optional): Min. 3/4"-1" wide ribbons HD ISO 3/4"-1" wide ribbons 1.5" GenFlex ISO **EPDM** applied at a rate of 150 ft²/gal. spaced 12" o.c. spaced 12" o.c. Insulation

TABLE 4 (Continued): ELEVATE EPDM AND GENFLEX EPDM – NEW CONSTRUCTION or REROOF (Tear-Off) CONCRETE DECK, BONDED INSULATION, BONDED ROOF COVER **Base Insulation Layer (s) Roof Cover** Design **Top Insulation Layer (s) Assembly** Substrate Pressure No. Membrane Attach Attach Attach Type Type (psf) RubberGard FR®, LS-Bonding Adhesive BA-2004 T First Layer: Min. 1.5" FR®, LS-FR PT®, Elevate I.S.O. applied at a rate of 45-60 ft²/gal Elevate I.S.O. Stick ISO 95+ GL Stick Adhesive Min. 0.5" Platinum®, MAX®, or EPDM Solvent Free Bonding 163 Adhesive applied in Adhesive applied at a rate of 150 **ISOGARD** MAX FR®, MAX PT® or **Second Layer** applied in 3/4"-(C-17) 3/4"-1" wide ribbons EcoWhite® (Optional): Min. 1.5" 1" wide ribbons HD ft²/gal spaced 12" o.c. ISO 95+ GL spaced 12" o.c. RubberGard EPDM SA Self-adhered or FullForce EPDM Structural -322.5 First Layer: Min. 1.5" concrete GenFlex One GenFlex ISO GenFlex One Step GenFlex II FR EPDM. GenFlex All Purpose Bonding Step Insulation Insulation Min. 0.5" Insulation Adhesive Adhesive applied at a rate of 45-AFR EPDM, AFR PT, 164 Adhesive 60 ft²/gal or GenFlex EPDM GenFlex **Second Layer** applied in 3/4"-1" AFR, II FRM, II FRM-FR, (C-18)applied in 3/4"-Solvent Free Bonding Adhesive (Optional): Min. 1.5" HD ISO wide ribbons spaced II FRM PT or FlexWhite 1" wide ribbons GenFlex ISO **EPDM** applied at a rate of 150 ft²/gal. 12" o.c. spaced 12" o.c. Insulation

		TAE	BLE 4 (Conti	•	TE EPDM AND GENFLEX I			ROOF (Tear-Off)		
Assembly			Vapor		nsulation Layer (s)		ulation Layer (s)	Ro	of Cover	Design
No.	Substrate	Primer	Barrier	Type Attach		Туре	Type Attach		Attach	Pressure (psf)
165 (C-19)	Structural	Elevate SA Primer applied at a rate of	MB Base SA, self-	First Layer: Min. 1.5" ISO 95+ GL Second Layer (Optional): Min. 1.5" ISO 95+ GL Sign or Elevate I.S.O. Stick Adhesive or Elevate I.S.O. FIX II Adhesive applied in 3/4"-1" wide ribbons spaced 12" o.c.		Min. 0.5" ISOGARD HD or min. 2" ISOGARD HD Composite	Elevate I.S.O. Twin Pack Adhesive applied in 1/2"-3/4" wide ribbons spaced 12" o.c. or Elevate I.S.O. Stick Adhesive or Elevate I.S.O. FIX II Adhesive applied in 3/4"-1" wide ribbons spaced 12" o.c.	RubberGard FR®, LS-FR®, LS-FR PT®, Platinum®, MAX®, MAX FR®, MAX PT® or EcoWhite® RubberGard EPDM SA or FullForce EPDM	Elevate BA-2004 T or Single-Ply LVOC Bonding Adhesive applied at a rate of 45-60 ft²/gal or Water Based Bonding Adhesive- P applied at a rate of 100-120 ft²/gal.	-90.0
166 (C-20)	concrete	200 ft²/gal to concrete	adhered	First Layer: Min. 1.5" GenFlex ISO Insulation Second Layer (Optional): Min. 1.5" GenFlex ISO Insulation	OlyBond 500 applied in 1/2"-3/4" wide ribbons spaced 12" o.c. or GenFlex One Step Insulation Adhesive or GenFlex I.S.O. FIX II Adhesive applied in 3/4"-1" wide ribbons spaced 12" o.c.	Min. 0.5" GenFlex ISO Insulation or min. 2" GenFlex HD Composite ISO	OlyBond 500 applied in 1/2"-3/4" wide ribbons spaced 12" o.c. or GenFlex One Step Insulation Adhesive or GenFlex I.S.O. FIX II Adhesive applied in 3/4"-1" wide ribbons spaced 12" o.c.	GenFlex II FR EPDM, AFR EPDM, AFR PT, AFR, II FRM, II FRM- FR, II FRM PT or FlexWhite EPDM	GenFlex All Purpose Bonding Adhesive or GenFlex EPDM Bonding Adhesive LVOC applied at a rate of 45-60 ft²/gal or GenFlex Water Based Bonding Adhesive applied at a rate of 100-120 ft²/gal.	

	TABLE 4 (Continued): ELEVATE EPDM AND GENFLEX EPDM – NEW CONSTRUCTION or REROOF (Tear-Off) CONCRETE DECK, BONDED INSULATION, BONDED ROOF COVER											
Assembly			Vapor	Base Insulation Layer (s)		Top Ins	ulation Layer (s)		Roof Cover	Design		
No.	Substrate	Primer	Barrier	Туре	Attach	Туре	Attach	Membrane	Attach	Pressure (psf)		
167 (C-21)				First Layer: Min. 1.5" ISO 95+ GL Second Layer	Elevate I.S.O. Stick Adhesive applied in 3/4"-1" wide ribbons		Elevate I.S.O. Stick Adhesive applied in 3/4"-1" wide ribbons spaced 12"	RubberGard FR®, LS-FR®, LS- FR PT®, Platinum®, MAX®, MAX FR®, MAX PT® or EcoWhite®	Elevate BA-2004 T or Single- Ply LVOC Bonding Adhesive applied at a rate of 45-60 ft ² /gal.			
		Elevate SA Primer	Primer MR	(Optional): Min. 1.5" ISO 95+ GL	o.c.	Min. 0.25"	O.C.	RubberGard EPDM SA or FullForce EPDM	Self-adhered			
168 (C-22)	Structural concrete	applied at a rate of 200 ft ² /gal to concrete	Base SA, self- adhered	First Layer: Min. 1.5" GenFlex ISO Insulation Second Layer (Optional): Min. 1.5" GenFlex ISO Insulation	GenFlex One Step Insulation Adhesive applied in 3/4"-1" wide ribbons spaced 12" o.c.	DensDeck or DensDeck Prime	GenFlex One Step Insulation Adhesive applied in 3/4"-1" wide ribbons spaced 12" o.c.	GenFlex II FR EPDM, AFR EPDM, AFR PT, AFR, II FRM, II FRM-FR, II FRM PT or FlexWhite EPDM	GenFlex All Purpose Bonding Adhesive or GenFlex EPDM Bonding Adhesive LVOC applied at a rate of 45-60 ft ² /gal.	-90.0		

TABLE 4 (Continued): ELEVATE EPDM AND GENFLEX EPDM – NEW CONSTRUCTION or REROOF (Tear-Off) CONCRETE DECK, BONDED INSULATION, BONDED ROOF COVER **Roof Cover** Design Base Insulation Layer (s) **Top Insulation Layer (s)** Assembly Vapor Substrate Primer Pressure No. Barrier Attach Membrane Attach Type Attach Type (psf) RubberGard Elevate BA-2004 T or Single-FR®, LS-FR®, LS-Ply LVOC Bonding Adhesive Elevate I.S.O. Elevate I.S.O. FR PT®, Twin Pack Twin Pack applied at a rate of 45-60 First Layer: Min. Platinum[®], ft²/gal or Water Based 1.5" ISO 95+ GL Adhesive Min. 0.5" Adhesive MAX®, MAX 169 applied in 1/2"-Bonding Adhesive-P applied ISOGARD Second Layer applied in FR®, MAX PT® (C-23) at a rate of 100-120 ft²/gal. (Optional): Min. 3/4" wide HD 1/2"-3/4" or EcoWhite® Elevate SA 1.5" ISO 95+ GL ribbons spaced wide ribbons RubberGard Primer MB Base 8" o.c. spaced 8" o.c. Structural applied at a EPDM SA or Self-adhered SA, self--112.5 rate of 200 FullForce EPDM concrete adhered ft²/gal to GenFlex All Purpose Bonding First Layer: Min. GenFlex II FR concrete Adhesive or GenFlex EPDM 1.5" GenFlex ISO OlyBond 500 OlyBond 500 EPDM, AFR Min. 0.5" Bonding Adhesive LVOC Insulation applied in applied in EPDM, AFR PT, 170 GenFlex applied at a rate of 45-60 **Second Layer** 1/2"-3/4" 1/2"-3/4" AFR, II FRM, II ft²/gal or GenFlex Water (C-24)ISO wide ribbons (Optional): Min. wide ribbons FRM-FR, II FRM Insulation Based Bonding Adhesive 1.5" GenFlex ISO spaced 8" o.c. spaced 8" o.c. PT or FlexWhite applied at a rate of 100-120 Insulation **EPDM** ft²/gal.

Insulation

TABLE 4 (Continued): ELEVATE EPDM AND GENFLEX EPDM – NEW CONSTRUCTION or REROOF (Tear-Off) CONCRETE DECK, BONDED INSULATION, BONDED ROOF COVER **Top Insulation Layer (s) Roof Cover** Design Base Insulation Layer (s) Vapor Assembly Substrate Primer Pressure Barrier No. Membrane Attach Attach Attach Type Type (psf) RubberGard FR®, LS-FR®, LS-Elevate BA-2004 T or Single-Elevate I.S.O. Elevate I.S.O. FR PT®, Ply LVOC Bonding Adhesive First Layer: Min. Twin Pack Twin Pack Platinum[®], applied at a rate of 45-60 1.5" ISO 95+ GL Adhesive Adhesive MAX®, MAX 171 **Second Layer** ft²/gal. applied in applied in FR®, MAX PT® (C-25) 1/2"-3/4" Elevate SA (Optional): Min. 1/2"-3/4" or EcoWhite® Min. 0.25" Primer 1.5" ISO 95+ GL wide ribbons wide ribbons MB Base DensDeck RubberGard applied at a spaced 8" o.c. spaced 8" o.c. Structural SA, self-EPDM SA or Self-adhered -112.5 concrete rate of 200 adhered DensDeck FullForce EPDM ft²/gal to Prime GenFlex II FR First Layer: Min. concrete 1.5" GenFlex ISO OlyBond 500 OlyBond 500 EPDM, AFR GenFlex All Purpose Bonding Adhesive or GenFlex EPDM Insulation applied in applied in EPDM, AFR PT, 172 **Second Layer** 1/2"-3/4" 1/2"-3/4" AFR, II FRM, II **Bonding Adhesive LVOC** (C-26)applied at a rate of 45-60 (Optional): Min. wide ribbons wide ribbons FRM-FR, II FRM 1.5" GenFlex ISO PT or FlexWhite spaced 8" o.c. ft²/gal. spaced 8" o.c.

EPDM

TABLE 4 (Continued): ELEVATE EPDM AND GENFLEX EPDM – NEW CONSTRUCTION or REROOF (Tear-Off) CONCRETE DECK, BONDED INSULATION, BONDED ROOF COVER **Roof Cover** Base Insulation Layer (s) Design **Top Insulation Layer (s) Assembly** Substrate Pressure No. Membrane Attach Attach Attach Type Type (psf) RubberGard FR®, LS-Elevate I.S.O. Elevate BA-2004 T or FR®, LS-FR PT®, Elevate I.S.O. Twin Twin Pack Single-Ply LVOC Bonding Platinum®, MAX®, Adhesive Adhesive applied at a rate Pack Adhesive MAX FR®, MAX PT® 173 Min. 1.5" ISO 95+ of 45-60 ft²/gal. applied in 1/2"-3/4" applied in 1/2"-(C-27) GL or EcoWhite® wide ribbons spaced 3/4" wide (Optional) RubberGard EPDM Additional layer(s) Structural 12" o.c. ribbons spaced SA or FullForce Self-adhered -157.5 of the same base 12" o.c. concrete **EPDM** insulation GenFlex All Purpose OlyBond 500 GenFlex II FR EPDM. OlyBond 500 applied applied in 1/2"-Bonding Adhesive or AFR EPDM, AFR PT, 174 Min. 1.5" GenFlex in 1/2"-3/4" wide 3/4" wide AFR, II FRM, II FRM-GenFlex EPDM Bonding (C-28)ISO Insulation ribbons spaced 12" ribbons spaced FR, II FRM PT or Adhesive LVOC applied at O.C. a rate of 45-60 ft²/gal. 12" o.c. FlexWhite EPDM

TABLE 4 (Continued): ELEVATE EPDM AND GENFLEX EPDM – NEW CONSTRUCTION or REROOF (Tear-Off) CONCRETE DECK, BONDED INSULATION, BONDED ROOF COVER **Roof Cover** Base Insulation Layer (s) Design **Top Insulation Layer (s) Assembly** Substrate Pressure No. Membrane Attach Attach Attach Type Type (psf) Elevate I.S.O. Elevate I.S.O. Twin Twin Pack RubberGard FR®, LS-FR®, LS-FR PT®, Pack Adhesive Adhesive Single-Ply LVOC Bonding 175 Min. 1.5" ISO 95+ Min. 0.5" Platinum®, MAX®, Adhesive 1168 applied at applied in 1/2"-3/4" applied in 1/2"-ISOGARD HD (C-29)GL MAX FR®, MAX PT® wide ribbons spaced 3/4" wide a rate of 45-60 ft²/gal 12" o.c. ribbons spaced or EcoWhite® Structural -225.0 12" o.c. concrete OlyBond 500 GenFlex II FR EPDM, OlyBond 500 applied applied in 1/2"-EZ TPO Bonding Adhesive AFR EPDM, AFR PT, 176 Min. 1.5" GenFlex in 1/2"-3/4" wide Min. 0.5" GenFlex 3/4" wide AFR, II FRM, II FRM-LVOC 1168 applied at a (C-30)ISO Insulation ribbons spaced 12" ISO Insulation ribbons spaced FR, II FRM PT or rate of 45-60 ft²/gal O.C. 12" o.c. FlexWhite EPDM

Insulation

TABLE 4 (Continued): ELEVATE EPDM AND GENFLEX EPDM – NEW CONSTRUCTION or REROOF (Tear-Off) CONCRETE DECK, BONDED INSULATION, BONDED ROOF COVER Base Insulation Layer (s) **Roof Cover** Design **Top Insulation Layer (s) Assembly** Substrate Pressure No. Membrane Attach Attach Attach Type Type (psf) RubberGard FR®, LS-FR®, LS-FR PT®, Elevate BA-2004 T Min. 1.5" ISO 95+ Elevate I.S.O. Elevate I.S.O. Stick Platinum®, MAX®, Adhesive applied at a rate GL followed by an Stick Adhesive 177 MAX FR®, MAX PT® Adhesive applied in of $45-60 \text{ ft}^2/\text{gal}$. optional second applied in 3/4"-(C-31)3/4"-1" wide ribbons or EcoWhite® layer of min. 1.5" 1" wide ribbons spaced 12" o.c. RubberGard EPDM ISO 95+ GL spaced 12" o.c. Min. 0.25" SA or FullForce Self-adhered Structural DensDeck or **EPDM** -232.5 concrete Min. 1.5" GenFlex DensDeck Prime GenFlex One ISO Insulation GenFlex One Step GenFlex II FR EPDM, Step Insulation Insulation Adhesive followed by an AFR EPDM, AFR PT, GenFlex All Purpose 178 Adhesive Bonding Adhesive applied AFR, II FRM, II FRMoptional second applied in 3/4"-1" applied in 3/4"-(C-32)at a rate of 45-60 ft²/gal. layer of min. 1.5" FR, II FRM PT or wide ribbons spaced 1" wide ribbons GenFlex ISO 12" o.c. FlexWhite EPDM spaced 12" o.c.

TABLE 4 (Continued): ELEVATE EPDM AND GENFLEX EPDM – NEW CONSTRUCTION or REROOF (Tear-Off) CONCRETE DECK, BONDED INSULATION, BONDED ROOF COVER **Base Insulation Layer (s) Roof Cover** Design **Top Insulation Layer (s)** Assembly Substrate Pressure No. Membrane Attach Type Attach Type Attach (psf) Elevate I.S.O. Twin Elevate BA-2004 T RubberGard FR®, LS-Pack Adhesive Elevate I.S.O. Twin Pack or Single-Ply FR®, LS-FR PT®, applied in 1/2"-3/4" Adhesive applied in **LVOC** Bonding Platinum®, MAX®, wide ribbons spaced 1/2"-3/4" wide ribbons Adhesive applied MAX FR®, MAX PT® 12" o.c. (Optional) Min. spaced 12" o.c. at a rate of 45-60 or EcoWhite® 1.5" ISO 95+ GL 179 Min. 1.5" ISO 95+ ft²/gal. (C-33)Elevate I.S.O. Stick GL Elevate I.S.O. Stick followed by min. Adhesive or Elevate 1.0" ISO 95+ GL Adhesive or Elevate RubberGard FPDM I.S.O. FIX II Adhesive I.S.O. FIX II Adhesive SA or FullForce Self-adhered applied in 3/4"-1" applied in 3/4"-1" wide **FPDM** wide ribbons spaced ribbons spaced 12" o.c. Structural 12" o.c. -247.5 concrete OlyBond 500 applied OlyBond 500 applied in in 1/2"-3/4" wide 1/2"-3/4" wide ribbons GenFlex All ribbons spaced 12" **Purpose Bonding** (Optional) Min. spaced 12" o.c. O.C. GenFlex II FR EPDM. 1.5" GenFlex ISO Adhesive or or AFR EPDM, AFR PT, 180 Min. 1.5" GenFlex GenFlex EPDM Insulation GenFlex One Step AFR, II FRM, II FRM-GenFlex One Step (C-34)ISO Insulation followed by min. **Bonding Adhesive** Insulation Adhesive or FR, II FRM PT or Insulation Adhesive or 1.0" GenFlex ISO LVOC applied at a GenFlex I.S.O. FIX II FlexWhite EPDM GenFlex I.S.O. FIX II rate of 45-60 Insulation Adhesive applied in Adhesive applied in ft²/gal. 3/4"-1" wide ribbons 3/4"-1" wide ribbons

spaced 12" o.c.

spaced 12" o.c.

TABLE 4 (Continued): ELEVATE EPDM AND GENFLEX EPDM – NEW CONSTRUCTION or REROOF (Tear-Off) CONCRETE DECK, BONDED INSULATION, BONDED ROOF COVER **Roof Cover** Base Insulation Layer (s) Design **Top Insulation Layer (s) Assembly** Substrate Pressure No. Membrane Attach Attach Attach Type Type (psf) RubberGard FR®, LS-Elevate I.S.O. Elevate BA-2004 T or FR®, LS-FR PT®, Elevate I.S.O. Twin Twin Pack Single-Ply LVOC Bonding Platinum®, MAX®, Adhesive Adhesive applied at a rate Pack Adhesive MAX FR®, MAX PT® 181 Min. 1.5" ISO 95+ Min. 0.5" of 45-60 ft²/gal. applied in 1/2"-3/4" applied in 1/2"-(C-35)GL ISOGARD HD or EcoWhite® wide ribbons spaced 3/4" wide RubberGard EPDM Structural 12" o.c. ribbons spaced SA or FullForce Self-adhered -247.5 12" o.c. concrete **EPDM** GenFlex All Purpose OlyBond 500 GenFlex II FR EPDM. OlyBond 500 applied applied in 1/2"-Bonding Adhesive or AFR EPDM, AFR PT, 182 Min. 1.5" GenFlex in 1/2"-3/4" wide Min. 0.5" GenFlex 3/4" wide AFR, II FRM, II FRM-GenFlex EPDM Bonding (C-36)ISO Insulation ribbons spaced 12" ISO Insulation ribbons spaced FR, II FRM PT or Adhesive LVOC applied at O.C. a rate of 45-60 ft²/gal. 12" o.c. FlexWhite EPDM

TABLE 4 (Continued): ELEVATE EPDM AND GENFLEX EPDM – NEW CONSTRUCTION or REROOF (Tear-Off) CONCRETE DECK, BONDED INSULATION, BONDED ROOF COVER Base Insulation Layer (s) **Roof Cover** Design **Top Insulation Layer (s) Assembly** Substrate Pressure No. Membrane Attach Attach Attach Type Type (psf) RubberGard FR®, LS-Elevate BA-2004 T or FR®, LS-FR PT®, Elevate I.S.O. Single-Ply LVOC Bonding Elevate I.S.O. Stick Platinum®, MAX®, Adhesive applied at a rate Stick Adhesive MAX FR®, MAX PT® 183 Min. 1.5" ISO 95+ Adhesive applied in of 45-60 ft²/gal. applied in 3/4"-(C-37)GL 3/4"-1" wide ribbons or EcoWhite® 1" wide ribbons spaced 12" o.c. RubberGard EPDM spaced 12" o.c. SA or FullForce Self-adhered Structural Min. 7/16" OSB -247.5 **EPDM** concrete GenFlex One GenFlex All Purpose GenFlex One Step GenFlex II FR EPDM, Step Insulation Insulation Adhesive AFR EPDM, AFR PT, Bonding Adhesive or 184 Min. 1.5" GenFlex Adhesive GenFlex EPDM Bonding applied in 3/4"-1" AFR, II FRM, II FRM-ISO Insulation applied in 3/4"-(C-38)wide ribbons spaced FR, II FRM PT or Adhesive LVOC applied at 1" wide ribbons 12" o.c. a rate of 45-60 ft²/gal. FlexWhite EPDM

spaced 12" o.c.

TABLE 4 (Continued): ELEVATE EPDM AND GENFLEX EPDM – NEW CONSTRUCTION or REROOF (Tear-Off) CONCRETE DECK, BONDED INSULATION, BONDED ROOF COVER Base Insulation Layer (s) **Roof Cover** Design **Top Insulation Layer (s)** Assembly Substrate Pressure No. Membrane Attach Attach Attach Type Type (psf) Elevate I.S.O. Twin Pack Elevate I.S.O. Twin Pack Adhesive applied in 1/2"-Adhesive applied in 1/2"-3/4" wide ribbons spaced 3/4" wide ribbons spaced RubberGard FR®, Single-Ply LVOC 12" o.c. 12" o.c. LS-FR®, LS-FR PT®, Bonding 185 Min. 1.5" ISO or or Platinum®, MAX®, Adhesive 1168 (C-39)95+ GL Elevate I.S.O. Stick Adhesive Elevate I.S.O. Stick Adhesive MAX FR®, MAX PT® applied at a rate or Elevate I.S.O. FIX II or Elevate I.S.O. FIX II or EcoWhite® of 45-60 ft²/gal Adhesive applied in 3/4"-1" Adhesive applied in 3/4"-1" wide ribbons spaced 12" wide ribbons spaced 12" Min. 0.25" O.C. O.C. Structural DensDeck -262.5 concrete OlyBond 500 applied in OlyBond 500 applied in Prime 1/2"-3/4" wide ribbons 1/2"-3/4" wide ribbons spaced 12" o.c. spaced 12" o.c. GenFlex II FR **EZ TPO Bondina** EPDM, AFR EPDM, or Min. 1.5" Adhesive LVOC 186 AFR PT, AFR, II GenFlex One Step GenFlex One Step GenFlex ISO 1168 applied at (C-40)FRM, II FRM-FR, II Insulation Adhesive or Insulation Adhesive or Insulation a rate of 45-60 FRM PT or GenFlex I.S.O. FIX II GenFlex I.S.O. FIX II ft²/gal FlexWhite EPDM Adhesive applied in 3/4"-1" Adhesive applied in 3/4"-1" wide ribbons spaced 12" wide ribbons spaced 12"

O.C.

TABLE 4 (Continued): ELEVATE EPDM AND GENFLEX EPDM – NEW CONSTRUCTION or REROOF (Tear-Off) CONCRETE DECK, BONDED INSULATION, BONDED ROOF COVER **Roof Cover** Base Insulation Layer (s) Design **Top Insulation Layer (s) Assembly** Substrate Pressure No. Membrane Attach Attach Attach Type Type (psf) RubberGard FR®, LS-FR®, LS-FR PT®, Elevate BA-2004 T Elevate I.S.O. Elevate I.S.O. Stick Platinum®, MAX®, Adhesive applied at a rate Stick Adhesive MAX FR®, MAX PT® 187 Min. 1.5" ISO 95+ Adhesive applied in (Optional) Min. of $45-60 \text{ ft}^2/\text{gal}$. applied in 3/4"-(C-41)GL 3/4"-1" wide ribbons 1.5" ISO 95+ GL or EcoWhite® 1" wide ribbons spaced 12" o.c. RubberGard EPDM spaced 12" o.c. SA or FullForce Self-adhered Structural -270.0 **EPDM** concrete GenFlex One GenFlex II FR EPDM, GenFlex One Step Step Insulation Insulation Adhesive (Optional) Min. AFR EPDM, AFR PT, GenFlex All Purpose Adhesive 188 Min. 1.5" GenFlex 1.5" GenFlex ISO Bonding Adhesive applied applied in 3/4"-1" AFR, II FRM, II FRM-ISO Insulation applied in 3/4"-(C-42)wide ribbons spaced Insulation FR, II FRM PT or at a rate of 45-60 ft²/gal. 1" wide ribbons 12" o.c. FlexWhite EPDM

spaced 12" o.c.

TABLE 4 (Continued): ELEVATE EPDM AND GENFLEX EPDM – NEW CONSTRUCTION or REROOF (Tear-Off) CONCRETE DECK, BONDED INSULATION, BONDED ROOF COVER **Top Insulation Layer (s)** Substrate Roof Cover Assembly Design Pressure (psf) No. Type Type Membrane Attach Attach Bonding Adhesive BA-2004 T or Single-Ply LVOC Elevate I.S.O. FIX II Adhesive RubberGard FR®, LS-FR®, LS-FR PT®, Platinum®, Bonding Adhesive applied at a rate of 4560 ft²/gal applied in 3/4"-1" wide ribbons or Water Based Bonding Adhesive-P applied at a spaced 4" o.c. MAX[®], MAX FR[®], MAX Min. 0.5" 189 PT® or EcoWhite® rate of 100-120 ft 2 /gal. (C-43)ISOGARD HD Elevate I.S.O. Stick Adhesive RubberGard EPDM SA or applied in 3/4"-1" wide ribbons Self-adhered FullForce EPDM spaced 12" o.c. Structural -360.0concrete GenFlex I.S.O. FIX II Adhesive applied in 3/4"-1" wide ribbons GenFlex II FR EPDM, AFR GenFlex All Purpose Bonding Adhesive or GenFlex Min. 0.5" spaced 4" o.c. EPDM Bonding Adhesive LVOC applied at a rate of 190 EPDM, AFR PT, AFR, II GenFlex ISO or (C-44)FRM, II FRM-FR, II FRM PT 45-60 ft²/gal or GenFlex Water Based Bonding Insulation GenFlex One Step Insulation Adhesive applied at a rate of 100-120 ft²/gal. or FlexWhite EPDM Adhesive applied in 3/4"-1" wide ribbons spaced 12" o.c.

TABLE 4 (Continued): ELEVATE EPDM AND GENFLEX EPDM – NEW CONSTRUCTION or REROOF (Tear-Off) CONCRETE DECK, BONDED INSULATION, BONDED ROOF COVER Base Insulation Layer (s) **Roof Cover Top Insulation Layer (s)** Design Assembly **Substrate** Pressure No. Membrane Type Attach Type Attach Attach (psf) Elevate BA-2004 T or Elevate I.S.O. Twin Single-Ply LVOC RubberGard FR®, Pack Adhesive Elevate I.S.O. Twin Pack **Bonding Adhesive** LS-FR®, LS-FR applied in 1/2"-3/4" Adhesive applied in applied at a rate of PT®, Platinum®, wide ribbons spaced 1/2"-3/4" wide ribbons 45-60 ft²/gal or Water MAX®, MAX FR®, 12" o.c. (Optional) Min. spaced 12" o.c. **Based Bonding** MAX PT® or 191 (Optional) Min. 1.5" RESISTA or Adhesive-P applied at EcoWhite® (C-45)1.5" RESISTA Elevate I.S.O. Stick followed by min. Elevate I.S.O. Stick a rate of 100-120 0.5" ISOGARD HD Adhesive or Elevate Adhesive or Elevate ft²/gal. I.S.O. FIX II Adhesive I.S.O. FIX II Adhesive applied in 3/4"-1" applied in 3/4"-1" wide RubberGard wide ribbons spaced ribbons spaced 12" o.c. EPDM SA or Self-adhered Structural 12" o.c. FullForce EPDM -360.0 concrete OlyBond 500 applied GenFlex All Purpose OlyBond 500 applied in in 1/2"-3/4" wide Bonding Adhesive or 1/2"-3/4" wide ribbons ribbons spaced 12" GenFlex II FR GenFlex EPDM spaced 12" o.c. EPDM, AFR **Bonding Adhesive** O.C. (Optional) Min. or (Optional) Min. 1.5" Coated Glass EPDM, AFR PT, LVOC applied at a or 192 GenFlex One Step 1.5" Coated Glass Facer followed by AFR, II FRM, II rate of 45-60 ft²/gal GenFlex One Step (C-46)Insulation Adhesive or min. 0.5" GenFlex FRM-FR, II FRM or GenFlex Water Facer Insulation Adhesive or GenFlex I.S.O. FIX II ISO Insulation PT or FlexWhite **Based Bonding** GenFlex I.S.O. FIX II Adhesive applied in **EPDM** Adhesive applied at a Adhesive applied in 3/4"-1" wide ribbons rate of 100-120 3/4"-1" wide ribbons

spaced 12" o.c.

spaced 12" o.c.

ft²/gal.

TABLE 4 (Continued): ELEVATE EPDM AND GENFLEX EPDM – NEW CONSTRUCTION or REROOF (Tear-Off) CONCRETE DECK, BONDED INSULATION, BONDED ROOF COVER **Base Insulation Layer (s) Roof Cover** Design **Top Insulation Layer (s)** Assembly Substrate Pressure No. Membrane Attach Type Attach Type Attach (psf) Elevate I.S.O. Twin Pack Adhesive Elevate I.S.O. Twin Pack applied in 1/2"-3/4" Adhesive applied in wide ribbons spaced 1/2"-3/4" wide ribbons RubberGard FR®, 12" o.c. (Optional) Min. spaced 12" o.c. LS-FR®, LS-FR Water Based Bonding 1.5" RESISTA PT®, Platinum®, 193 Adhesive-P applied at Min. 1.5" RESISTA (C-47)Elevate I.S.O. Stick followed by min. Elevate I.S.O. Stick MAX®, MAX FR®, a rate of 100-120 MAX PT® or Adhesive or Elevate 0.5" RESISTA Adhesive or Elevate ft²/gal I.S.O. FIX II Adhesive I.S.O. FIX II Adhesive EcoWhite® applied in 3/4"-1" applied in 3/4"-1" wide wide ribbons spaced ribbons spaced 12" o.c. Structural 12" o.c. -405.0 concrete OlyBond 500 applied OlyBond 500 applied in in 1/2"-3/4" wide 1/2"-3/4" wide ribbons ribbons spaced 12" GenFlex II FR spaced 12" o.c. O.C. (Optional) Min. EPDM, AFR GenFlex Water Based 1.0" Coated Glass EPDM, AFR PT, or 194 Min. 1.5" Coated **Bonding Adhesive** GenFlex One Step Facer followed by AFR, II FRM, II GenFlex One Step (C-48)Glass Facer applied at a rate of Insulation Adhesive or min. 0.5" Coated FRM-FR, II FRM Insulation Adhesive or 100-120 ft²/gal GenFlex I.S.O. FIX II Glass Facer PT or FlexWhite GenFlex I.S.O. FIX II Adhesive applied in **EPDM** Adhesive applied in 3/4"-1" wide ribbons 3/4"-1" wide ribbons

spaced 12" o.c.

spaced 12" o.c.

	TABLE 4 (Continued): ELEVATE EPDM AND GENFLEX EPDM – NEW CONSTRUCTION or REROOF (Tear-Off) CONCRETE DECK, BONDED INSULATION, BONDED ROOF COVER											
Assembly		Base Insul	ation Layer (s)	Top Insu	lation Layer (s)	Ro	Design					
No.	Substrate	Туре	Attach	Туре	Attach	Membrane	Attach	Pressure (psf)				
195 (C-49)	Structural	Min. 1.0" RESISTA	Elevate I.S.O. Twin Pack Adhesive applied in 1/2"-3/4" wide ribbons spaced 12" o.c. or Elevate I.S.O. Stick Adhesive or Elevate I.S.O. FIX II Adhesive applied in 3/4"-1" wide ribbons spaced 12" o.c.	(Optional) Min. 1.0" RESISTA	Elevate I.S.O. Twin Pack Adhesive applied in 1/2"-3/4" wide ribbons spaced 12" o.c. or Elevate I.S.O. Stick Adhesive or Elevate I.S.O. FIX II Adhesive applied in 3/4"-1" wide ribbons spaced 12" o.c.	RubberGard FR®, LS-FR®, LS-FR PT®, Platinum®, MAX®, MAX FR®, MAX PT® or EcoWhite®	Single-Ply LVOC Bonding Adhesive 1168 applied at a rate of 45-60 ft²/gal	-450.0				
196 (C-50)	concrete	Min. 1.0" Coated Glass Facer	OlyBond 500 applied in 1/2"-3/4" wide ribbons spaced 12" o.c. or GenFlex One Step Insulation Adhesive or GenFlex I.S.O. FIX II Adhesive applied in 3/4"-1" wide ribbons spaced 12" o.c.	(Optional) Min. 1.0" Coated Glass Facer	OlyBond 500 applied in 1/2"-3/4" wide ribbons spaced 12" o.c. or GenFlex One Step Insulation Adhesive or GenFlex I.S.O. FIX II Adhesive applied in 3/4"-1" wide ribbons spaced 12" o.c.	GenFlex II FR EPDM, AFR EPDM, AFR PT, AFR, II FRM, II FRM-FR, II FRM PT or FlexWhite EPDM	EZ TPO Bonding Adhesive LVOC 1168 applied at a rate of 45-60 ft²/gal	130.0				

Note: Keep the manufacturer's installation instructions available on the job site during the installation. Use corrosion resistant fasteners as specified in the IRC and the IBC.