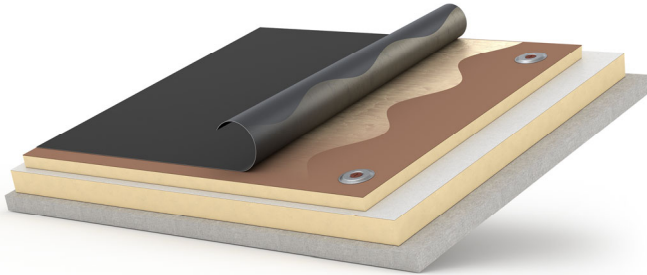


QuickSpec

RubberGard™ EPDM Adhered Membrane Concrete Deck

Red Shield™ Warranty: Up to 30 Years, 55 mph



- Elevate™ RubberGard Platinum EPDM Membrane or RubberGard MAX 75 mil EPDM Membrane
- Adhered with appropriate Membrane Adhesive
- Cover Board – Mechanically Attached or Adhered
 - Optional for Platinum P, Required for Platinum PH and Platinum PHW)
- Insulation – Mechanically Attached or Adhered
- Concrete Deck

Slope Requirement:

Positive drainage required for warranty.

Construction Type:

- New Construction Complete Tear-off

Building Height Limitation:

Elevate RubberGard EPDM Adhered Systems are limited to buildings 250' (76.2 m) or less.

Air Barrier:

An air barrier is recommended for projects with large wall openings greater than 10% of the total wall area.

Vapor Barrier:

- V-Force™ and Thermal Barrier V-Force w/o Thermal Barrier* 4-6 mil poly

*Thermal barrier required when using V-Force over a Steel Deck on FM Insured or FM Specified projects.

Base Tie-Ins:

Must be attached to substrates which provide a minimum of 200 lbf (1 kN) in any direction.

Increased Wind Speed and Codes:

Any wind speed coverage exceeding 55 mph (88 km/h) or projects with code requirements must be reviewed by a Elevates Regional Technical Coordinator.

Deck Requirement:

- Minimum 2,500 psi (17.2 MPa) Structural Concrete, min. 3" (76 mm) thick

Insulation Fasteners and Plates:

- Heavy Duty Fasteners and Insulation Plates Concrete Drive Fastener and Insulation Plates
 HailGard™ Fastener (with HailGard Composite Board or OSB only)

Insulation Adhesive*:

- I.S.O. Twin Pack™ I.S.O. Spray™ R I.S.O. Stick™ Twin Jet Twin Jet Y

*NOTE: Max. 4' x 4' boards must be used when attaching insulation with adhesives. Cleaning of the metal deck may be required to remove processing oils.

Insulation Adhesive Attachment:

- Bead Spacing: F: 12", P: 6", C: 4" Full Coverage

Membrane Requirement:

- RubberGard Platinum EPDM, 90 mil RubberGard MAX (Reinforced) 75 mil

Seaming Requirement:

3" QuickSeam™ Splice Tape and 5" QuickSeam Flashing OR 6" QuickSeam Splice Tape in side and end laps. QuickSeam Joint Covers are required at all exposed T joints and at angle changes 1:12 or greater.

Elevate Membrane Adhesive:

- Jet Bond Spray Adhesive Single-Ply LVOC Bonding Adhesive Single-Ply LVOC Bonding Adhesive-1168
 EPDM Bonding Adhesive BA-2004(T)

Elevate Factory Formed Edge Metal System:

- Coping System (QS-EDGE METAL-901) Fascia System (QS-EDGE METAL-902)
 Water Control (QS-EDGE METAL-903) Wood Nailer Alternative (QS-EDGE METAL-904)

Non-Factory Formed Edge Conditions:
 Elevate Drain Bar Elevate Termination Bar Elevate Approved Detail

Substrate Attachment Rates for Standard 55 mph Wind Speed (Top Layer, 4' x 8' Board)

Thickness	Substrate Material	Minimum Fasteners	
		4' x 8'	4' x 12**
See Board Size	<input type="checkbox"/> ISOGARD GL* / ISO 95+ GL*	16	24
<input type="checkbox"/> 1.0" - 1.4"	or	16	24
<input type="checkbox"/> 1.5" - 1.9"	<input type="checkbox"/> ISOGARD CG / Resista	16	24
<input type="checkbox"/> 2.0" - 4.0"	NOTE: 4x12 boards available in limited thickness. See Technical Information Sheet (TIS) for more information.	16	24
<input type="checkbox"/> 1.5" - 1.9"	<input type="checkbox"/> ISOGARD HG / HailGard Composite / <input type="checkbox"/> OSB / <input type="checkbox"/> Plywood (Plate and Fastener)	16	
<input type="checkbox"/> 2.0" - 4.0"		16	
<input type="checkbox"/> ISOGARD HG / HailGard Composite / OSB / Plywood (HailGard Fastener)		16	
<input type="checkbox"/> ISOGARD HD Composite		16	
<input type="checkbox"/> ISOGARD HD Cover Board		16	
<input type="checkbox"/> 1/4"	<input type="checkbox"/> SECUROCK® Gypsum-Fiber Roof Board <input type="checkbox"/> SECUROCK UltraLight Coated Glass-Mat Roof Board	16	
<input type="checkbox"/> 1/2"		16	
<input type="checkbox"/> 5/8"		16	
<input type="checkbox"/> 1/4"	<input type="checkbox"/> SECUROCK UltraLight Glass-Mat Roof Board NOTE: Not for use with adhered membrane or insulation adhesives. May be used as insulation layer or thermal barrier layer when fastened through.	16	
<input type="checkbox"/> 1/2"		16	
<input type="checkbox"/> 5/8"		16	
<input type="checkbox"/> 1/2"	<input type="checkbox"/> SECUROCK Cement Roof Board	16	
<input type="checkbox"/> 5/8"		16	
<input type="checkbox"/> 1/4"	DensDeck® Prime Roof Board	16	
<input type="checkbox"/> 1/2"		16	
<input type="checkbox"/> 5/8"		16	
<input type="checkbox"/> 5/8"	DensDeck Prime StormX™ Roof Board	16	
<input type="checkbox"/> 1/4"	DEXcell® Glass Mat Roof Board NOTE: Not for use with adhered membrane or insulation adhesives. May be used as insulation layer or thermal barrier layer when fastened through.	16	
<input type="checkbox"/> 1/2"		16	
<input type="checkbox"/> 5/8"		16	
<input type="checkbox"/> 1/4"	DEXcell FA™ Glass Mat Roof Board	16	
<input type="checkbox"/> 1/2"		16	
<input type="checkbox"/> 5/8"		16	
<input type="checkbox"/> 7/16"	DEXcell Cement Roof Board	16	
<input type="checkbox"/> 5/8"		16	
<input type="checkbox"/> 5/8"	DEXcell FA VSH™ Glass Mat Roof Board	16	

NOTE:

1. Only Elevate branded products are covered in a Red Shield Warranty.
2. Refer to the Elevate Technical Database at www.elevatecommercialbp.com for additional information regarding appropriate roof systems and roof system warranty requirements. Review appropriate details and installation requirements based on warranty term requested.
3. It is the installing contractor's responsibility to follow all applicable building codes.
4. Contact Elevate Technical Services for full warranty requirements.
5. DensDeck is a registered trademark of Georgia-Pacific Gypsum LLC, SECUROCK is a registered trademark of USG Corporation, DEXcell is a registered trademark of National Gypsum Company.

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