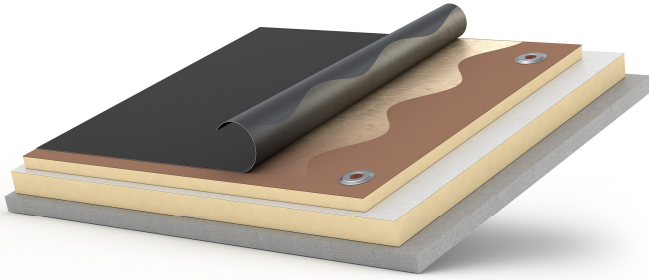




RubberGard™ EPDM Adhered Membrane Gypsum or Cementitious Wood Fiber Deck

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



- Elevate™ RubberGard Platinum 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
- Gypsum or Cementitious Wood Fiber Deck

Consult Elevate Technical Specifications, Guides and Details at www.HolcimElevate.com

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 4-6 mil poly

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 Holcim Regional Technical Coordinator.

Deck Requirement:

Minimum 2" (51 mm) Poured Gypsum Minimum 2" (51 mm) Cementitious Wood Fiber

Insulation Fasteners and Plates:

Polymer Fastener and Insulation Plates

Insulation Adhesive*:

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

*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

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)

Edge Metal System

Elevate Factory Formed Edge Metal Fascia or Coping System
 Elevate Drain Bar Elevate Termination Bar

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

Thickness	Substrate Material	Minimum Fasteners
<input type="checkbox"/> 1.0" – 1.4"	<input type="checkbox"/> ISOGARD GL / ISO 95+ GL or <input type="checkbox"/> ISOGARD CG / Resista	16
<input type="checkbox"/> 1.5" – 1.9"		16
<input type="checkbox"/> 2.0" – 4.0"		16
<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® Brand Gypsum-Fiber Roof Board	16
<input type="checkbox"/> 1/2"		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

Detail Description

Wall Terminations:	Elevate Termination Bar with surface mounted or inserted counter flashing in accordance with current Elevate 30 year details.
Curb & Wall Flashings:	Curbs, walls, and expansion joints must be anchored with appropriate base tie-in detail, using QuickSeam Reinforced Perimeter Fastening Strip (RPF) and Batten Strip or 2" Metal Seam Plates (see current details for alternate base tie-in options). Curbs and walls must be flashed using one ply minimum 0.060" RubberGard EPDM, QuickSeam Curb Flashing, or 18" QuickSeam SA Flashing, per Elevate 30 year details.
Corners:	QuickSeam Corner Flashing or 9" QuickSeam FormFlash™ per Elevate 30 year details.
Roof Edges / Parapets:	Elevate Factory Formed Edge Metal or Coping System completed per Current Red Shield 30-year details. NOTE: See Attachment Guide for more information.
Penetrations:	Flash with QuickSeam Pipe Flashing, QuickSeam EPDM Penetration Pocket, or field fabricate with EPDM QuickSeam Form Flash per Elevate 30 year details.

NOTE:

1. Only Elevate brand products are covered in a Red Shield warranty.
2. Refer to the Elevate Technical Database at www.HolcimElevate.com for additional information regarding appropriate Roof Systems.
3. It is the installing contractor's responsibility to follow all applicable building codes.
4. Contact Holcim 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, and Structodek is a registered trademark of Blue Ridge Fiberboard, Inc.

Please contact Holcim Technical Services at 800-428-4511 for further information.

This sheet is meant to highlight Elevate products and specifications and is subject to change without notice. Holcim takes responsibility for furnishing quality materials that meet published Elevate product specifications or other technical documents, subject to normal manufacturing tolerances. Neither Holcim nor its representatives practice architecture. Holcim offers no opinion on and expressly refuses any responsibility for the soundness of any structure. Holcim accepts no liability for structural failure or resultant damages. Consult a competent structural engineer prior to installation if the structural soundness or structural ability to properly support a planned installation is in question. No Holcim representative is authorized to vary this disclaimer.

December 13, 2023

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