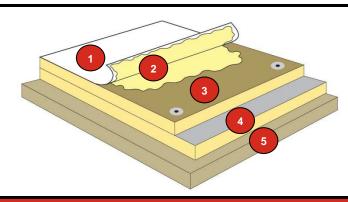
EcoWhite[™] EPDM Membrane

IFESTON BUILDING PRODUCTS

Fully Adhered, Gypsum or Cementitious Wood Fiber

5, 10, 15, 20 Year Red Shield™ Warranty



- 1. Firestone EcoWhite[™] EPDM Membrane
- 2. Fully Adhered with Bonding Adhesive
- 3. Mechanically Attached or Adhered Cover Board (Optional)
- 4. Mechanically Attached or Adhered Insulation
- 5. Gypsum or Cementitious Wood Fiber

Consult Firestone Technical Specifications, Guides and Details at www.firestonebpco.com

Slope Requirement

Positive slope required for warranty.⁵

Construction Type

New construction, complete tear-off, or recover with any wet or damaged materials removed prior to installation.

Building Height Limitation

Firestone EcoWhite[™] EPDM Adhered Systems are limited to buildings 250' (76.2 m) or less..

Use of Air Barrier

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

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 codes requirements must be reviewed by a Firestone Roof Systems Advisor.

Deck Requirement

Minimum 2.0" Cementitious Wood Fiber
Minimum 2.0" Gypsum

Fastener Type

Firestone Polymer Fastener

Insulation Adhesive*

□ Firestone I.S.O. Twin Pack[™] Insulation Adhesive
□ Firestone I.S.O.Spray[™] S Insulation Adhesive
□ Firestone I.S.O. Fix[™] II Insulation Adhesive
□ Firestone I.S.O.Stick[™] Insulation Adhesive

*Note: Max. 4' x 4' boards must be used when attaching insulation with adhesives.

Adhesive Attachment

Max. 15 Year Warranty: Bead Spacing: F: 12", P: 12", C: 12" 20 Year Warranty:

 □ Bead Spacing: F: 12", P: 6", C: 4"
□ Full Application (I.S.O.Spray S Insulation Adhesive)

Membrane Requirement

EcoWhite EPDM, Minimum 0.060"

Seaming Requirement

EcoWhite EPDM QuickSeam[™] Splice Tape in side and end laps. EcoWhite EPDM QuickSeam Joint Covers are required at all joints and at angle changes 1:12 or greater.

Firestone Membrane Adhesive

□ EPDM Bonding Adhesive BA-2004 (T)

- □ Single-Ply LVOC Bonding Adhesive
- □ Single-Ply LVOC Bonding Adhesive 1168
- □ Water Based Bonding Adhesive (P) (*Max.* 15 Year Warranty)
- □ Solvent Free Bonding Adhesive (Max. 20 Year Warranty on .060 and .090 mil)

Edge Metal System

- □ Firestone EdgeGard[™] System
- □ Firestone AnchorGard[™] System
- □ Firestone Coping System
- Firestone Termination Bar
- Firestone Aluminum Drain Bar

Insulation Fastener and Insulation Plate Attachment Rates – Field Rates for Standard 55 mph Wind Speed Insulation (Top Layer) 4' x 8' Coverboard (Optional) 4' x 8' 1.0" to 1.4" Firestone ISO 95+™ GL or RESISTA™ Insulation 1/2" or 1.0" FiberTop Wood Fiber Board (Max. 15 Year Warranty) 16 16 1.5" to 1.9" Firestone ISO 95+ GL or RESISTA Insulation 12 Firestone ISOGARD™ HD Cover Board 12 1/4" SECUROCK® Gypsum-Fiber or DensDeck® / (Prime) 16 16/(12) 2.0" to 4.0" Firestone ISO 95+ GL or RESISTA Insulation 8 Firestone HailGard™ Composite Board 16 1/2" SECUROCK Gypsum-Fiber or DensDeck / (Prime) 12 12/(10) Firestone ISOGARD™ HD Composite Board 8 5/8" SECUROCK Gypsum-Fiber or DensDeck / (Prime) 8 8/(8) **Detail Description** Firestone Termination Bar with AP Sealant applied along the caulk lip. Surface mounted or inserted counter flashing may also Wall Terminations: be used in accordance with current Firestone details. Curbs, walls, and expansion joints must be anchored with appropriate base tie-in detail, using QuickSeam Reinforced Curb & Wall Flashings: Perimeter Fastening Strip (RPF) and Batten Strip or 2" Metal Seam Plates. Curbs and walls must be flashed using one ply EcoWhite EPDM Membrane, EcoWhite EPDM QuickSeam Curb Flashing, or 18" EcoWhite EPDM QuickSeam SA Flashing. EcoWhite EPDM QuickSeam Corner Flashing or EcoWhite 12" QuickSeam Flashing may be used. Corners: Firestone AnchorGard™ or EdgeGard™ Fascia or Drain Bar systems. ANSI/SPRI ES-1 rated edge metal may also be used. **Roof Edges/Parapets:** Flash with EcoWhite EPDM QuickSeam Pipe Flashing, EcoWhite EPDM QuickSeam Penetration Pocket, or EcoWhite EPDM Penetrations: QuickSeam Flashing. Notes Only Firestone brand products are covered in a Red Shield warranty. Refer to the Firestone Technical Database at <u>www.firestonebpco.com</u> for additional information regarding RubberGard EPDM Roof Systems. Refer to the Firestone RoofGenuity™ tool to create roof assemblies with high-performance Firestone products at <u>www.RoofGenuity.com</u>. 2 DensDeck is a registered trademark of Georgia-Pacific Gypsum LLC. It is the installing contractor's responsibility to follow applicable building codes. SECUROCK is a registered trademark of USG Corporation. 5

QS-EPDM-142

Firestone Building Products Company, LLC 250 West 96th Street • Indianapolis, IN 46260

Technical: 1-800-428-4511 • Sales: 1-800-428-4442 • www.firestonebpco.com