



1. Firestone EcoWhite Platinum EPDM Membrane
2. Adhered with Bonding Adhesive
3. Mechanically Attached or Adhered Cover Board (Optional for Platinum P, Required for Platinum PH and Platinum PHW)
4. Mechanically Attached or Adhered Insulation
5. Wood Deck

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

Slope Requirement

Positive slope required for warranty.

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 code requirements must be reviewed by a Firestone Building Systems Advisor.

Deck Requirement

- Minimum ½" Plywood
- Minimum 7/16" OSB

Fastener Type

- Firestone All Purpose Fastener
- Firestone Heavy Duty Fastener
- Firestone Heavy Duty Fastener
- Firestone Concrete Drive Fastener
- Firestone IsoGard™ HG / HailGard™ Fastener (with IsoGard HG / HailGard Composite Board or OSB only)

Insulation Adhesive*

- Firestone I.S.O. Twin Pack™ Insulation Adhesive
- Firestone I.S.O. Spray™ R Insulation Adhesive
- Firestone I.S.O. Fix™ II Insulation Adhesive
- Firestone I.S.O. Stick™ / Twin Jet Insulation Adhesive

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

Adhesive Attachment

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

Membrane Requirement

- EcoWhite Platinum EPDM, 0.090"

Seaming Requirement

EcoWhite EPDM 3" QuickSeam™ Splice Tape and 6" EcoWhite QuickSeam Flashing OR 6" EcoWhite EPDM QuickSeam Splice Tape in side and end laps. EcoWhite EPDM QuickSeam Joint Covers are required at all T 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

Edge Metal System

- Firestone EdgeGard™ System
- Firestone AnchorGard™ System
- Firestone Coping System
- Firestone Aluminum Drain Bar

Insulation Mechanical Attachment Rates for Standard 55 mph Wind Speed

Insulation (Top Layer) and Coverboard 4'X8'

1.0" to 1.4" Firestone ISOGARD GL / ISO 95+ GL or ISOGARD GC / Resista Insulation	16	1/4" SECUROCK® Gypsum Fiber Board	16
1.5" to 1.9" Firestone ISOGARD GL / ISO 95+ GL or ISOGARD GC / Resista Insulation	16	1/2" SECUROCK Gypsum Fiber Board	16
2.0" to 4.0" Firestone ISOGARD GL / ISO 95+ GL or ISOGARD GC / Resista Insulation	16	5/8" SECUROCK Gypsum Fiber Board	16
1.5" to 1.9" / 2.0" to 4.0" Firestone ISOGARD HG / HailGard Composite	16	1/4" DensDeck® Roof Board / DensDeck Prime Roof Board	16
Firestone ISOGARD HD Composite Board	16	1/2" DensDeck Roof Board / DensDeck Prime Roof Board	16
Firestone ISOGARD HD Cover Board	16	5/8" DensDeck Roof Board / DensDeck Prime Roof Board	16

Detail Description

Wall Terminations:	Firestone Termination Bar with surface mounted or inserted counterflashing in accordance with current Firestone 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" EcoWhite EPDM Membrane, EcoWhite EPDM QuickSeam Curb Flashing, or 18" EcoWhite EPDM QuickSeam SA Flashing, per current Firestone 30 year details.
Corners:	EcoWhite EPDM QuickSeam Corner Flashing or EcoWhite 12" QuickSeam Flashing may be used, per current Firestone 30 Year details.
Roof Edges/Parapets:	Firestone AnchorGard or EdgeGard Fascia Drain Bar, Firestone Coping or UNA-EDGE systems per Firestone 30 year details.
Penetrations:	Flash with EcoWhite EPDM QuickSeam Pipe Flashing, EcoWhite EPDM QuickSeam Penetration Pocket, or field fabricate with EcoWhite EPDM QuickSeam Flashing, per current Firestone 30 Year details.

Notes:

1. Only Firestone brand products are covered in a Red Shield warranty.
2. Refer to the Firestone Technical Database at www.firestonebpco.com for additional information regarding RubberGard EPDM Roof Systems.
3. DensDeck is a registered trademark of Georgia-Pacific Gypsum LLC.
4. It is the installing contractor's responsibility to follow applicable building codes.
5. SECUROCK is a registered trademark of USG Corporation.