



30-year Warranty Design Criteria for RubberGard **PLATINUM** Fully Adhered EPDM Membrane System

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General Requirements

Slope Requirements

Minimum 1/8" slope recommended to promote positive drainage. Firestone recommends a minimum of 1/4" slope.

Acceptable Decks

Refer to the Firestone Technical Manual for minimum pullout requirements.

1. 22 gauge Steel or heavier
2. 3,000 psi Structural Concrete
3. Minimum 1/2" Plywood
4. Wood Planks with min. 3/4" Thickness
5. Fibrous Cement and Gypsum (min. 2")
6. Contact Firestone for decks not listed.

Building Height Limitations

30-year systems are restricted to building heights of 250 feet or less.

Membrane Requirements

.090" RubberGard Platinum LSFR EPDM membrane.

Base Tie-Ins

Must be constructed using QuickSeam RPF strip.

Construction Type

New construction or complete tear-off to deck.

Use of Air Barrier

An air barrier is required for projects with large wall openings that are greater than 10% of the total wall area that can be left open in a storm. Criteria to be determined based upon Firestone's Review.

Sheet Metal

1. Any Firestone AnchorGard metal system component designed to work with the Platinum system.

Other Requirements

1. As-Built Projects not permitted. Firestone requires a Pre-Installation Notice 14 days prior to project installation.
2. System installation per Firestone Platinum Design and Application specifications and Details
3. The Firestone Warranty does not cover products not supplied by Firestone Building Products.

Seam Construction

Side Laps and End Laps: Minimum 3" QuickSeam Splice Tape with an application of QuickSeam Flashing applied over all laps. Refer to Firestone Platinum Details for specifics.

Insulation Attachment for Fully Adhered Systems

ISO 95+ Insulation Thickness	New Construction	New Construction with Air Barrier
1.0"-1.4"	16 per 4'x 8' Board	16 per 4'x 8' Board
1.5"-1.9"	16 per 4'x 8' Board	16 per 4'x 8' Board
2.0"-4.0"	16 per 4'x 8' Board	16 per 4'x 8' Board

***Minimum 1.5" for Firestone HailGard . 1" ISO 95+ with an overlay of minimum 1/4" Dens-Deck or 7/16" OSB.**

Detail Description for Fully Adhered Systems

Wall Terminations	Firestone Termination Bar with reglet or surface mounted counterflashing.
Curbs/Parapets	Curbs and expansion joints longer than eight (8) feet on any side must be anchored using QuickSeam RPF Strip. Where this is not practical, curbs may be flashed using 60 mil RubberGard Membrane or QuickSeam Curb Flashing. In either case, the base lap shall be completed with QuickSeam Tape and stripped in with Firestone QuickSeam Flashing.
Corners	Flashed with QuickSeam T-joint cover and 9" QuickSeam Corner Flashing
Roof Edges	QuickSeam 5" Flashing covered with a layer of 9" QuickSeam Formflash or Firestone AnchorGard Platinum
Penetrations	As shown in the Firestone Platinum details. Firestone QS6 Penetration Pockets may be used where a penetration pocket is required, with the flange stripped in using 9" QuickSeam Formflash.
Walkways	Constructed using QuickSeam Walkway Pads, or Pavers with sacrificial membrane layer.

This sheet is intended to be a summary guide for the installation of a roofing system that will qualify for a Platinum 30-year Firestone Red Shield Limited Warranty with a 55 mph wind speed coverage. Refer to the Firestone Technical Manual for specific requirements regarding installation of this roof system and warranty options. Platinum systems offer varying levels of coverage including hail and 100-mph winds. These warranties require varying insulation substrates depending on the coverage desired. Contact your local Firestone Sales Representative for current requirements. Installation specifications are subject to change. Review Firestone website and Technical Bulletins for current updates.