



Sample Assembly

Consult the Firestone Technical Database for specific installation and warranty requirements

### Insulation

- 30 YEAR**
- I.S.O. 95+ GL
  - Tapered I.S.O. 95+ GL
  - Dens Deck <sup>(4)</sup>
  - Dens Deck Prime <sup>(4)</sup>
  - HailGard <sup>(8)</sup>

- 20 YEAR**
- I.S.O. 95+ GL
  - Tapered I.S.O. 95+ GL
  - Dens Deck <sup>(4,5)</sup>
  - Dens Deck Prime <sup>(4,5)</sup>
  - HailGard <sup>(5,8)</sup>

- 15 YEAR AND LESS**
- I.S.O. 95+ GL
  - Tapered I.S.O. 95+ GL
  - Dens Deck <sup>(4,5)</sup>
  - Dens Deck Prime <sup>(4,5)</sup>
  - FiberTop Woodfiber
  - FiberTop Woodfiber Composite
  - HailGard <sup>(5,8)</sup>

### Insulation Attachment

- 30 YEAR**
- Heavy Duty Fasteners
  - HailGard Fasteners
  - Firestone ISO Twin Pack <sup>(2)</sup>
  - Firestone ISO Spray Adhesive <sup>(2)</sup>
  - Firestone ISO-FIX Adhesive <sup>(2,3)</sup>

- 20 YEAR**
- Heavy Duty Fasteners
  - HailGard Fasteners
  - Firestone ISO Twin Pack <sup>(2)</sup>
  - Firestone ISO Spray Adhesive <sup>(2)</sup>
  - Firestone ISO-FIX Adhesive <sup>(2,3)</sup>
  - Loose Laid <sup>(7)</sup>

- 15 YEAR RECOVER**
- Heavy Duty Fasteners
  - HailGard Fasteners
  - Firestone ISO Twin Pack <sup>(2)</sup>
  - Firestone ISO Spray Adhesive <sup>(2)</sup>
  - Firestone ISO-FIX Adhesive <sup>(2,3)</sup>
  - Loose Laid <sup>(7)</sup>

- 15 YEAR AND LESS**
- Heavy Duty Fasteners
  - HailGard Fasteners
  - Firestone ISO Twin Pack <sup>(2)</sup>
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  - Firestone ISO-FIX Adhesive <sup>(2,3)</sup>
  - Loose Laid <sup>(7)</sup>

### Membrane

- 30 YEAR**
- UltraPly Platinum TPO .080
  - ReflexEON Platinum TPO .080

- 20 YEAR**
- UltraPly Platinum TPO .080 <sup>(1)</sup>
  - UltraPly TPO .060 <sup>(1)</sup>
  - UltraPly TPO XR 115 <sup>(1)</sup>
  - ReflexEON Platinum TPO .080 <sup>(1)</sup>
  - ReflexEON .060 or .080 <sup>(1)</sup>

- 15 YEAR AND LESS**
- UltraPly Platinum TPO .080 <sup>(1)</sup>
  - UltraPly TPO .045 or .060 <sup>(1)</sup>
  - UltraPly TPO XR 110 or 115 <sup>(1)</sup>
  - ReflexEON Platinum TPO .080 <sup>(1)</sup>
  - ReflexEON TPO.060 or .080 <sup>(1)</sup>

### Notes:

#### Footnotes:

1. The new roof membrane can be directly adhered to a Structural Concrete deck, New Cover Board, new insulation, or a combination of the above. See the Firestone Technical Database for specific installation requirements.
2. Max Size Insulation Board 4'x4'.
3. Pull Test required on deck if ISO-FIX Adhesive is used to attach Insulation to deck.
4. Acceptable for use in 4'x8' attachment with Twin Pack Adhesive
5. Not acceptable for top layer of insulation in Ballasted assembly.
6. Ballasted Systems are not acceptable for 30 year warranties.
7. Loose laid insulation is only acceptable in Ballasted Assemblies.
8. HailGard Insulation can only be attached using approved Firestone Fasteners.

#### Building Height Limitations:

Refer to the Firestone Technical Database for Building Height limitations for Firestone Adhered and Mechanically Attached Systems

#### Base Tie-Ins:

Must be constructed using the QuickSeam RPF Strip.

#### Slope Requirements:

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

#### Use of Air Barrier:

- An air barrier is required for projects with large 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.

#### Seam Construction:

- Side Laps and End Laps: Minimum 3" QuickSeam Splice Tape with QuickSeam Joint Covers at all "T" joints and wall intersections.

#### Sheet Metal:

- Firestone Metal Edge System
- Shop Fabricated pre-finished G-90 Galvanized Steel, Stainless Steel, Anodized or Extruded Aluminum.

#### Other Requirements:

- As-Built projects not permitted. Firestone requires a Pre-Installation Notice 14 days prior to project installation.
  - System installation per Firestone Technical Database.
- The Firestone Warranty does not cover products not supplied by Firestone Building Products

Products or problems associated with the use of non-Firestone supplied products are not covered under the Firestone Warranty

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