



HIGH PERFORMANCE ROOFING UNDERLAYMENT

Last Revision: 8/11/11

1.0 Product Name

Proof™
High Performance Roofing
Underlayment

2.0 Manufacturer



InsulationSolutions®

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3.0 Product Description

3.1 Basic Use:

Proof™ is a premium cross-woven synthetic underlayment designed to create a secondary barrier underneath various types of roofing materials. Proof™ includes a slip-resistant outer surface and is engineered with excellent tensile strength and tear resistance. Proof™ is strong enough to protect from potential damaging weather conditions such as rain, snow, ice, hail, sleet and wind.

Proof™ is able to hold up to several months of UV exposure. It is manufactured with the ability to hold a chalk line, and its slip resistant coating helps keep workers safe. Proof™ combines the technology of felt and synthetic underlayments to produce a product that will help get the job done right.

3.2 Composition & Materials:

Proof™ consists of HDPE laminated to point bonded PP coated with high COF co-polymers for traction.

3.3 Product Dimensions & Weight:

Proof™ is available in 5' x 200' rolls. Each roll weighs approximately 4.75 oz. per sq. yd.

3.4 Benefits:

- Class A Fire Rating
- Longer UV exposure than felt
- High tear resistance
- Moisture resistant
- Anti-slip coating
- Covers 10 squares per roll
- Lightweight

4.0 Technical Data

4.1 Applicable Standards

- **ASTM D 751** Standard Test Methods
for Coated Fabrics

5.0 Installation

5.1 Appropriate Fasteners

Corrosion-resistant roofing nails with a minimum 1" diameter plastic cap are preferred. Corrosion-resistant nails with tin caps are also acceptable.

Staples are permitted if one of the two following conditions are met:

- a. The final roofing material (shingles, metal panels, clay tiles, etc.) is to be installed immediately afterward.
- b. Staples are installed at horizontal and vertical laps and penetrate through two layers of Proof™ material.

In all cases, fasteners and caps must penetrate roof decking at a 90 degree angle and must be flush with the underlayment surface. Follow the nailing pattern printed on the material.

Always check with local building code officials to determine the best practice in your area.

Note: To the best of our knowledge, these are typical property values and are intended as guides only, not as specification limits. Insulation Solutions Inc.® makes no warranties as to the fitness for a specific use or merchantability of products referred to, no guarantee of satisfactory results from reliance upon contained information or recommendations and disclaims all liability for resulting loss or damage.

PROPERTIES	TEST METHOD	PROOF™
Thickness, Nominal		10 mil (nominal)
Weight	ASTM D 1910	4.75 oz. per sq. yd.
Tensile Strength	ASTM D 751, Method A	125 lbs. warp x 125 lbs. weft
Tear Strength	ASTM D 751, Method B	40 lbs. warp x 40 lbs. weft
Elongation		30% MD x 22% CD
Maximum Use Temperature		220° F
Minimum Use Temperature		-40° F
Surface Burning Characteristics		Class A