



Application Guidelines 2002-PR25HT Partially Reinforced Roofing Membrane

The Acrylabs 2002-PR25HT Elastomeric Roof System is a fluid-applied, partially reinforced membrane for metal panel, standing seam and flat seam roofs. Combining the Mesh 2000 with successive coats of the 2100 (100% Acrylic/Elastomeric) coating provides a fully adhered, seamless membrane with superior weatherability. The 2002-PR25HT is a monolithic, sustainable roofing system that will yield a final minimum membrane thickness of 25 mils throughout the field of the roof and 50 mils at the reinforced areas. Acrylabs coatings are waterborne and meet or exceed all V.O.C. regulatory requirements.

Integral Components of the 2002-PR20L System

Primers and Accessory Items

2100B Elastomeric Base Coat
2100HT Elastomeric Finish Coat
Mesh 2000 Polyester Reinforcement

2400 Brush Grade Acrylic Sealant
3200 Rust Inhibitive Primer

Installation:

1.) Preparation

Acrylabs coatings are adhesive and require a clean dry surface to ensure proper adhesion. The key to successful coating application is preparation. Pressure washing is the preferred method for removing all oxidation, dirt and contaminants. When pressure washing is not appropriate, consult Acrylabs Inc.'s Technical Department for additional information.

2.) Repair

The applicator needs to provide a sound substrate for the 2002-PR25HT System. All repairs should be made following industry guidelines. These materials should not be applied over rust or corrosion. All rust and corrosion should be removed following SSPC guidelines. If any unusual conditions exist, consult Acrylabs, Inc.'s Technical Department.

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3.) Fasteners

Make sure all fasteners are properly tightened and washers are in good condition. Tighten all loose fasteners and replace missing and stripped fasteners with oversized fasteners. Dab all fastener heads with 2400 Brushable Caulk/Sealant to create a water-tight seal.

4.) Flashings & Penetrations

All flashings, terminations, penetrations and any other areas deemed necessary should be reinforced using the following guidelines:

- A.) Apply generously a coat of 2100B Elastomeric Base Coat to the area to be reinforced.
- B.) Embed appropriate width Mesh 2000 into wet coating, removing all wrinkles and fishmouths.
- C.) Apply a saturation coat of 2100B Elastomeric Base Coat.

*These areas must be coated when applying finish coats to insure minimum membrane thickness.

5.) Field Application

Apply 2100HT Elastomeric Finish Coat to all areas at a minimum rate of 1.6 gallons per 100 square feet. Allow to dry. Apply final coat 2100HT Elastomeric Finish Coat to all areas at a minimum rate of 1.6 gallon per 100 square feet.

*When embedding Mesh 2000 into wet coating, a 3" inch overlap is used.

6.) Inspection

Inspect roof and apply additional Acrylabs coating as necessary to insure a final membrane thickness of 25 mils DFT (dry film thickness) throughout the field of the roof and 45-50 mils at the reinforced areas.

This is a general guideline. Minimum material requirements may change based on project specific requirements. Consult Acrylabs' Technical Department for additional information. Failure of the substrate or roofing systems does not constitute Acrylabs coating or system failure.

Application:

Acrylabs' coatings can be brushed, rolled or sprayed utilizing airless spray equipment.

Spray Equipment: The following are guidelines for airless equipment.

2500PSI

2 gallons per minute

Tips: 427-433

Warranty:

Acrylabs' responsibility under this limited warranty is for defective material. Acrylabs, Inc.'s only obligation is either to replace material or refund the price of materials proven defective.

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