



Application Guidelines 2001-R50HT Reinforced Roofing Membrane

The Acrylabs 2001-R50HT Elastomeric Roof System is a fluid applied fully reinforced membrane for single ply, smooth surfaced and asphalt roofs. Combining the Mesh 2000 with successive coats of the 2100 series (100% Acrylic/Elastomeric) coating, combine to provide a fully adhered, seamless reinforced membrane system with superior weatherability. The 2001-R50HT is a monolithic, sustainable roofing system that will yield a final minimum membrane thickness of 50 mils. Acrylabs coatings are waterborne and meet or exceed all V.O.C. regulatory requirements.

Integral Components of the 2001-R50HT System

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

Primers and Accessory Items of the 2001-R45 Sys-

3100 EPDM Rinseable Primer
3300 Clear Acrylic Primer
3600 Acrylic Modified Emulsion
2400 Brush Grade
2500 Trowel Grade

Installation:

1.) Preparation

Acrylabs coatings are adhesive and require a clean dry surface to insure proper adhesion. The key to successful coating application is preparation. Pressure washing is the preferred method, remove all oxidation, dirt and contaminants. When pressure washing is not appropriate, acrylic or asphalt primers should be utilized. Consult Acrylabs Inc. technical department for additional information.

2.) Repair

The applicator needs to provide a sound substrate for the 2001-R50HT System. All repairs should be made following industry guidelines. These materials should not be applied over wet insulation or other related materials. Alligatored roofs should be primed with the 3600 Emulsion, if pressure washing is inappropriate, oxidized membranes should be primed with the 3300 Clear Primer. If any unusual conditions exist consult Acrylabs technical department.

3.) 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.

4.) Field Application

Apply 2100B Elastomeric Base Coat at a minimum rate of 1.5 gallons per 100 square feet. Immediately embed Mesh 2000 into wet coating, removing all wrinkles and making sure the fabric is tight to the roof. Immediately apply a saturation coat of 2100B at a minimum rate of 1.5 gallons per 100 square feet. Allow to dry for 24 hours. Apply 2100HT Elastomeric Finish Coat to all areas at a minimum rate of 1.5 gallons per 100 square feet. Apply final coat of 2100HT Elastomeric Finish Coat to all areas at a minimum rate of 1.5 gallon per 100 square feet.

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

5.) Inspection

Inspect roof and apply additional Acrylabs coating as necessary to insure a final membrane thickness of 50 mils DFT (dry film thickness).

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. only obligation is to either replace or refund the price of materials to be proven defective.