Application Guidelines 2001-PR30 Partially Reinforced Roofing Membrane

The AcryLabs 2001-PR-30 Elastomeric Roof System is a fluid-applied, partially reinforced membrane for polyurethane foam roofs. Mesh 2000 and successive coats of the 2100 (100% Acrylic/Elastomeric) Coating, combine to provide a fully adhered, seamless partially reinforced membrane system with superior weatherability. The 2001-PR30 is a monolithic, sustainable roofing system that will yield a final minimum membrane thickness of 30 mils throughout the field of the roof and 45 mils at the reinforced areas. AcryLabs coatings are waterborne to meet or exceed all V.O.C. regulatory requirements.

Integral Components of the 2001-PR30 System	Primers and Accessory Items of the 2001-R45 System
2100B Elastomeric Base Coat	2400 Brush Grade
2100 Elastomeric Finish Coat	TNF Pro System 600
Mesh 2000 Polyester Reinforcement	

Installation:

1.) Preparation

AcryLabs coatings are adhesive and require a clean, smooth dry surface to insure proper adhesion. The key to successful coating application is preparation. Pressure washing is the preferred method, removing 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-PR30 System. All repairs should be made following industry guidelines. These materials should not be applied over wet insulation or other related materials. If any unusual conditions exist consult AcryLabs technical department.

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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 1.25 gallons per 100 square feet. Apply 2100 Elastomeric Finish Coat to all areas at a minimum rate of 1.25 gallon per 100 square feet. Apply final coat of 2100 Elastomeric Finish Coat to all areas at a minimum rate of 1.25 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 30 mils DFT (dry film thickness) on the field of the roof and 45 mils on 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. only obligation is to either replace or refund the price of materials to be proven defective.

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