



Application Guidelines 2002-PR20 Partially Reinforced Coating Membrane

The AcryLabs 2002-PR20 Elastomeric Coating System is a fluid applied partially reinforced membrane for metal panel, standing seam and low slope roofs. Combining the Mesh 2000 with successive coats of the 2100 series (100% Acrylic/Elastomeric) coating, combine to provide a fully adhered, seamless membrane system with superior weatherability. The 2002-PR20 is a monolithic, sustainable coating system that will yield a final minimum membrane thickness of 20 mils throughout the field of the roof and 45 mils at the reinforced areas. AcryLabs coatings are waterborne and meet or exceed all V.O.C. regulatory requirements.

Integral Components of the 2002-PR20 System		Primers and Accessory Items	
2100B	Elastomeric Base Coat	2400	Brush Grade Acrylic Sealant
2100	Elastomeric Finish Coat	3200	Rust Inhibitive Primer
Mesh 2000 Polyester Reinforcement			

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, consult AcryLabs Inc. Technical department for additional information.

2.) Repair

The applicator needs to provide a sound substrate for the 2002-PR20 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 and primed with 3200 RIP. If any unusual conditions exist consult Acrylabs, Inc. 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; replace missing and stripped fasteners with oversized fasteners. Dab all fasteners 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:

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- A.) Apply generously a coat of 2100B Elastomeric Base Coat to the area 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 2100 Elastomeric Finish Coat to all areas at a minimum rate of 1.25 gallons per 100 square feet, allow to dry. Apply final coat 2101 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.

6.) Inspection

Inspect roof and apply additional AcryLabs coating as necessary to insure a final membrane thickness of 20 mils DFT (dry film thickness) throughout the field of the roof and 45 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. only obligation is to either replace or refund the price of materials to be proven defective.

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