



Renewable Roof Systems
Wall Coatings

Application Guidelines PR20

Partially Reinforced Coating System

The Acrylabs PR20 Elastomeric Coating System is a fluid applied partially reinforced membrane for metal panel, standing seam, single ply and low slope roofs. Combining our 2100 series 100% Acrylic/Elastomeric coating with our Mesh 2000 provides a fully adhered, seamless membrane system with superior weatherability. The 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.

Components of the PR20 System		Primers and Accessory Items of the PR20 System	
2100B	Base Coat	2400	Brushable Sealant
2100	Finish Coat	3200	Rust Inhibitive Primer
2000	Mesh fabric Reinforcement	Butyl Buttons	2" fastener cover

Installation:

1.) Preparation

Acrylabs coatings are adhesive and require a clean dry surface to ensure proper adhesion. The key to a successful coating application is preparation. Pressure washing with 3500 psi minimum, is the preferred method to remove all oxidation, dirt and contaminants. Consult Acrylabs Technical department for additional information.

2.) Repair

A sound substrate is required for the 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 addressed following SSPC guidelines and primed with 3200 Rust Inhibitive Primer. If any unusual conditions exist consult Acrylabs Technical Department.

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 Sealant to create a water-tight seal or use Acrylabs 2" Butyl Buttons.

4.) Seams

All seams to be addressed by tightly installing Acrylabs 4" and 6" Mesh Reinforcement Fabric embedded in 2100B Base Coat.

5.) Flashings & Penetrations

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

- A.) Apply a generous coating of 2100B 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 Base Coat.

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

6.) Field Application

Apply 2100 Finish Coat to all areas at a minimum rate of 1.25 gallons per 100 square feet (80sq.ft./gal.), allow to dry. Apply final coat 2100 Finish Coat to all areas at a minimum rate of 1.25 gallons per 100 square feet (80sq.ft./gal.).

7.) Inspection

Inspect roof and apply additional Acrylabs coating as necessary to ensure 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 and 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.

A min. 3000PSI pump is required

Tips range: 320-635