



Liquid Roofing Products

Application Guidelines

Acrylabs PR-20

Acrylabs Liquid Applied Roof Membrane - Systems

Acrylabs manufactures liquid applied roof membrane systems that are comprised of multiple coats of a high-performance acrylic formulation combined with fabric reinforcement. The Acrylabs PR-20 liquid applied roof membrane system is a partially reinforced membrane for metal standing seam roofs. The PR-20 is a monolithic, sustainable roof 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. The membrane is UV resistant and can be renewed, along with the warranty with a single maintenance coat. Acrylabs coatings are waterborne and meet or exceed all V.O.C. regulatory requirements.

| Components of the PR-20 System | Primers and Accessory Items of the PR-20 System |
|--|--|
| Base Coat Finish Coat Fabric Reinforcement | Brushable Sealant Rust Inhibitive Primer Butyl Buttons |

Installation:

1.) Preparation

Acrylabs coatings are adhesive and require a clean, dry, oil and dust free surface to ensure proper adhesion. Pressure washing with 3500PSI minimum is the preferred method to remove all oxidation, dirt, and contaminants. Detergents and bleach may be used if needed.

2.) Repair

A sound substrate is required for the PR-20 System. All repairs should be made following industry guidelines. Materials should not be applied over rust or corrosion. All rust and corrosion should be addressed following SSPC guidelines and primed with Acrylabs Rust Inhibitive Primer.

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 fastener heads with 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" Fabric Reinforcement embedded in Acrylabs 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 Acrylabs Base Coat to the area to be reinforced
- B.) Embed appropriate width Acrylabs Fabric Reinforcement into wet coating, removing all wrinkles and fish mouths
- C.) Apply a saturation coat of Acrylabs Base Coat

6.) Field Application

Apply Acrylabs Intermediate Coat to all areas at a minimum rate of 1.25 gallons per 100 square feet (80sq.ft./gal.), allow to dry. Apply Acrylabs Final 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. Failure of the substrate or roofing systems does not constitute Acrylabs coating or system failure.

8.) Application

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

9.) Spray Equipment

A minimum 3000PSI airless pump is required. Tips range: 321-641

Consult Acrylabs Technical Department for additional information.