



Application Guidelines

System PUF ***Acrylabs Liquid Applied Roof Membrane - Systems***

Acrylabs manufactures the liquid components of the Acrylabs Liquid Applied Roof Membrane – *Systems*. These systems are comprised of multiple coats of a high-performance acrylic formulation combined with high performing Fabric Reinforcement. System PUF - Acrylabs Liquid Applied Roof Membrane system is designed to cover polyurethane foam roofs. It is a monolithic, sustainable coating system that will yield a final minimum membrane thickness of 30 mils throughout the field of the roof and 60 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 System PUF	Accessory Items of System PUF
Base Coat Finish Coat Fabric Reinforcement	EPDM Rinse Prep Brushable Sealant Asphalt Emulsion

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 System PUF. All repairs should be made following industry guidelines. Materials should not be applied over wet or damaged foam.

3.) Flashings & Penetrations

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

- A.) Apply a generous coat of 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 Base Coat. Texture of the fabric should be obscured by this wet coat

4.) Field Application

- Apply Base Coat at a minimum rate of 1.25 gallons per 100 square feet.
- Apply first coat of DEK-coat to all areas at a minimum rate of 1.25 gallons per 100 square feet.
- Apply final coat of DEK-coat to all areas at a minimum rate of 1.25 gallons per 100 square feet.
- Both Base Coat and DEK-coat are to be applied to the entire roof surface including flashings and details previously addressed with Base Coat and Fabric Reinforcement.

5.) Inspection

Inspect roof and apply additional Acrylabs coating as necessary to ensure a final membrane thickness of 30 mils DFT (dry film thickness) in field and 60 mils at the penetrations and detail work.

This is a general guideline; minimum material requirements may change based on project specific requirements. Failure of the substrate does not constitute Acrylabs coating or system failure.

6.) Application

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

7.) Spray Equipment

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

Consult Acrylabs Technical Department for additional information.