



## Renewable Roof Systems Deck Membranes

SEAMLESS-RENEWABLE-FLEXIBLE-REFLECTIVE-UV RESISTANT-WATERBORNE

### Product Description

The Acrylabs composite membrane is made up of multiple applications of high-performance acrylic coatings with a fabric reinforcement embedded between coats. The fully reinforced, 45 mil membrane is applied directly to most existing roof surfaces including:

- Modified bitumen, fully adhered or torch applied, smooth or granular
- EPDM (rubber)
- Built-up Roofing (BUR)
- PVC, TPO and other single ply materials
- Sprayed Polyurethane Foam (SPF)
- Metal Roofing

Additionally, the Acrylabs membrane can be applied directly to new construction surfaces including:

- Cover Board (Perma-Base, Dens Deck, Securock, Invinsa Board, etc.)
- Rigid Insulation (polyiso, expanded polystyrene, extruded polystyrene)
- Plywood and OSB

The Acrylabs membrane is self-flashing and adheres to most building materials including:

- Masonry (concrete, brick, block, stucco, EIFS, etc.)
- Metals (both ferrous and non-ferrous)
- PVC piping
- Wood
- Asphalt
- Fiberglass

Corporate Offices: 101 N. Prospect Street, Reading, PA 19606 866-273-1355



## Acrylabs Features

### ➤ Seamless

Applied as a liquid, the resulting membrane is totally seamless and monolithic across the entire roof. The fully reinforced, single ply membrane is manufactured in place on the existing roof surface. All penetrations, curbs, parapets, and copings are flashed with the same materials, eliminating potential problems at these locations. Additional boots, clamps or other accessories are not required.

### ➤ Flexible

The durable acrylic membrane remains highly flexible despite wide temperature fluctuations. Tests indicate that the membrane performs well at temperatures from 150 F to 40 F

### ➤ Renewable

The membrane resists UV degradation and shows little effects from many years of exposure to sunlight. Thus, the roof and the warranty can be renewed after ten years with the application of a single maintenance coat.

### ➤ Waterborne

All Acrylabs products are water-based and safe for the applicator, building occupants and the environment.

## Approvals

Fluid applied, acrylic roof systems were first developed for use in the mid 1970's and have proven to be durable and effective over the years. Acrylabs roof systems have been extensively tested and carry Factory Mutual approval as a Class 1 roof cover – the stand-alone roof approval for all major manufacturers of low slope roofing. Additionally, Factory Mutual approves Acrylabs membranes with a Class A fire rating. Acrylabs also meets or exceeds the industry standard for fluid applied acrylic roofing – ASTM D6083. The Cool Roof Rating Council lists Acrylabs Reflective White finish coating as exceeding minimum requirements for a “cool roof” with excellent solar reflectance and thermal emittance.

Acrylabs fluid applied roofing systems offered a simpler and more effective alternative to single ply, torch applied and built-up roofing. Acrylabs systems are user friendly with attractive features suited for volunteer crews including:

- Eliminating the need to tear off and dispose of existing roofing
- Ease of application with inexpensive Acrylabs supplied tools and equipment
- All products are water based with no harmful solvents
- Simplified methods for flashing complex details

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