

Water Resistant Acrylic Base Coat for Smooth Asphalt Surfaces

For Professional Use Only

DESCRIPTION

- A high-quality, plasticizer-free, single-component, water-based, 100% acrylic elastomeric coating.
- Designed to provide maximum adhesion and bleed-through resistance over smooth asphalt even in the presence of water.
- Designed to tolerate some standing water when reinforced with fabric.
- May be used over smooth or granulated substrates.
- Adheres to most aluminized coatings (adhesion should be verified before application).
- Formulated to act as a barrier to block discoloration.
- Has the unique ability to “breathe,” providing a completely watertight membrane while allowing trapped moisture to escape.

RECOMMENDED USES

FortiPrime Bleed Block SS Base is designed as a base coat for application over smooth surface asphalt such as built-up and modified bitumen substrates. FortiPrime Bleed Block SS may be used in low areas and waterways when used in combination with reinforcing fabric. With a suitable top coat, it is an exceptional protective system for asphaltic membranes. Check with your FortiSystems representative for top coat recommendations.

Property	Test Method	Result
Tensile Strength	ASTM D-2370	100 psi ±25
Elongation	ASTM D-370	980% ± 25
Perms	ASTM D-1653	3
Solids Content by Weight	ASTM D-370	65% ± 2
Solids Content by Volume	ASTM D-1644	50% ± 2
Density	ASTM D-370	11.4 lbs gal
VOC	Method 24	<50 g/liter
Flash Point	ASTM D-1310	>212 ° F
Temperature Limit		0° F to 185° F
Low Temp Flexibility	ASTM D-522	Passes 180° F Flex over 1/8 Mandrel @ =30° F
Cure Time		24 hours depending on Temp. & Humidity
Dry Time		5 Hours at 75°F @ 50% m

COLORS

Ivory – Satin Flat

SURFACE PREPARATION

General: Surfaces to be coated should be dry, free of dust, dirt, oil, loose granules, peeling coating, or other foreign matter.

PACKAGING/SHIPPING INFORMATION

CONTAINER SIZE

55 Gallon drum (208.2 liters)

5 Gallon pail (18.9 liters)

SHIPPING CLASS

Class 55

Class 55

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APPLICATION

This product may be brushed, rolled, or sprayed on a clean, dry surface. In waterways or low areas, the material should be applied as follows:

- Apply FortiPrime Bleed Block SS Base at a rate of 1 gallon/sq.
- Immediately embed a layer of polyester mesh fabric in the wet coating.
- Immediately apply a further application of FortiPrime Bleed Block SS Base at a rate of 1 gallon/sq.
- Allow to cure for at least 24 hours.

For details, see Equipment Recommendations at the end of this sheet. It is critical that this be allowed to cure for a MINIMUM of 24 hours and even longer in cool or high-humidity environments.

Note: Blistering will occur if the top coat is applied over the base coat that is not completely dry If any contamination of a thoroughly cured surface occurs, it must be washed with a chemical cleaner before applying subsequent coats. Hand application can be done with a squeegee and roller.

ENVIRONMENTAL CONDITIONS

The product should not be applied when the ambient temperature is below 32° F or the temperature will fall to within 5 degrees of the dew point within 6 hours after application. Do not apply in the late afternoon if high humidity exists, it may cause high moisture condensation on the surface overnight.

PONDED WATER

- FortiSystems coatings are not warranted to perform under ponding water.
- The National Roofing Contractors Association considers ponding water on any roof unacceptable. (See the NRCA Roofing and Waterproofing Manual).

LIMITATIONS

The surface must be clean and dry. FortiPrime Bleed Block SS Base is water-based and requires evaporation to cure. The material must cure for at least 24 hours. Low temperature and high humidity will slow the curing process. In these situations, even longer cure times will be necessary. **Note: Blistering will occur if the top coat is applied over the base coat that is not completely dry** Do not apply FortiPrime Bleed Block SS Base if there is any moisture on the substrate or risk of precipitation. If applied where there is a risk of vapor drive, such as cold storage and refrigerated tank application, there must be a suitable vapor barrier. FortiPrime Bleed Block SS Base is not intended as a thermal Barrier.

SAFE PRACTICES

This product is designed for professional installation. Before working with this product, you must read and become familiar with the available information on its risks, proper use, and handling. Information sources include but are not limited to SDS and product labels. More resources are available at polyurethane.org, sprayfoam.org, forti-systems.com, or by contacting FortiSystems directly.

EQUIPMENT

Minimum Requirements:

Brush

- Synthetic Filament

Roller

- 1 ¼ nap roller

Spray

- Standard Contractor gun-no filters
- Pressure 3000 psi at 2.5-3.0 gal/min
- Tip .017-.029 reversible, self-cleaning with 40-50° fan angle
- 12-inch wand extension recommended
- 3/8 "line for the rated pressure

To the best of our knowledge, all technical data contained herein is true and accurate as of the date of issuance and subject to change without prior notice. Users must contact Everest Systems LLC to verify correctness before specifying or ordering. We guarantee our products to conform to the quality control standards established by Everest Systems Products. We assume no responsibility for coverage, performance, or injuries resulting from use. Liability, if any, is limited to the replacement of the product. NO OTHER WARRANTY OR GUARANTEE OF ANY KIND IS MADE BY EVEREST SYSTEMS EXPRESSED OR IMPLIED; STATUTORY, BY OPERATION OF LAW, OR OTHERWISE, INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.