

Fluoroprime

High Performance Metal Primer for Coatings



For Professional Use Only

DESCRIPTION

- A high-quality, rust-inhibitive, water-based, low-VOC primer specifically designed for coating applications.
- Provides optimal surface for the application of Fluoropolymer Topcoats such as Fluorostar coatings.
- Resists heat, cold, moisture, and weathering.
- Dries quickly for a reduced time before elastomeric coating application.

RECOMMENDED USES

Fluoroprime is used as a prime coat over metal surfaces for the application of water-based Fluoropolymer topcoats such as Fluorostar. Low VOC levels allow application in most air quality restrictive areas. Fast drying and increases in roof surface temperature are provided by the Ivory color.

Property	Result
Total Solids	41% ± 3%
Weight per Gallon	10.0 lbs per gallon ± 0.2
VOC	98 g/liter
Clean Up	Water
Shelf Life-unopened	12 months @ 40-90°F
Viscosity	800 ±200 cP

COLORS

Ivory

PACKAGING/SHIPPING INFORMATION

CONTAINER SIZE

55 Gallon drum (208.2 liters)

5 Gallon pail (18.9 liters)

SHIPPING CLASS

Class 55

Class 55

SURFACE PREPARATION

The surface must be clean, dry, and free of loose particles or other foreign matter. Pressure washing is required on metal surfaces showing signs of oxidation.

APPLICATION

This product may be brushed rolled or sprayed on a clean, dry surface. For details, see Equipment Recommendations at the end of this sheet. If sprayed, the material should be at least 75°F. Before applying an additional coat, the previous coat must be completely dry and cured. If any contamination is present on the cured surface, it must be washed and completely dry before the application of subsequent coats.

APPLICATION PROPERTIES

Yield (1 gal to 200 sq ft)	
Dry Time (75° F)	2 to 3 hours
Recoat Window	2 to 3 hours
Complete Cure	24 hours

COVERAGE RATE

Apply Fluoro-prime at the rate of 1 gallon per 200 sq. ft. (8 wet mils). Surface texture and wind will affect applied mil thickness.

ENVIRONMENTAL CONDITIONS

This product cures by water evaporation only. The product must not be applied when the ambient temperature is below 50°F or if there is any possibility it could fall below 32°F within 24 hours of application. Application is not recommended if rain or dew is likely to occur before the product dries. In high humidity conditions, late afternoon applications should be avoided as overnight dew formation on an uncured surface can cause coating wash-off. On marginal days, multiple applications of thin coats can ensure proper drying before rain or overnight freezes.

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PONDED WATER

- Everest Systems warranties do not cover damage due to ponding water.
- The National Roofing Contractors Association considers ponding water on any roof unacceptable. (See the NRCA Roofing and Waterproofing Manual).

LIMITATIONS

Not recommended for polyurethane foam applications. The surface must be clean and dry. Application is not recommended on roofs with slopes less than 1/8 in 12 or where ponded water is present. Do not apply over wet substrates or when inclement weather is imminent. Complete cure of Fluoroprime requires complete evaporation of water. Cool temperatures and high humidity retard cure. Do not leave the product exposed to elements for more than 48 hours to prevent weathering and dirt pickup that will compromise adhesive performance properties.

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 MSDS and product labels. More resources are available at polyurethane.org, sprayfoam.org, everestsystemsco.com, or by contacting Everest Systems directly.

EQUIPMENT

Minimum requirements:

Roller

- 1 1/4" nap roller

Spray

- 30:1 fluid-to-air ratio capable pump
- 2 1/2 gallons or more per minute (continuous)
- Filter screen 30 mesh or larger
- Hose rated to 2x maximum pump pressure
- Hose lining should be compatible with coating and required cleanout materials
- Hose lengths: (Largest diameter at pump)
 - 3/8 minimum 6 ft wip
 - 3/8 minimum I.D. up to 75 feet
 - 1/2 minimum I.D. up to 200 feet
 - 3/4 minimum I.D. over 200 feet
- Spray gun: Graco Hydra Mastic or equivalent
- Spray Tip:
 - Reversible self-cleaning type
 - Orifice size of .027 to .039
 - Fan angle of 40° to 50°

Always use components rated for pump pressures.

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