

## High Performance Metal Primer

For Professional Use Only

### DESCRIPTION

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

### RECOMMENDED USES

Everprime K-Prep is used as a prime coat over metal surfaces for the application of water based Fluoropolymer topcoats such as Kystar.. 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                           |
|----------------------------|----------------------------------|
| <b>Total Solids</b>        | <b>41% ± 3%</b>                  |
| <b>Weight per Gallon</b>   | <b>10.0 lbs per gallon ± 0.2</b> |
| <b>VOC</b>                 | <b>98 g/liter</b>                |
| <b>Clean Up</b>            | <b>Water</b>                     |
| <b>Shelf Life-unopened</b> | <b>12 months @ 40-90°F</b>       |
| <b>Viscosity</b>           | <b>800 ±200 cP</b>               |

### 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

### Application Properties

|                                   |                     |
|-----------------------------------|---------------------|
| <b>Yield (1 gal to 200 sq ft)</b> |                     |
| <b>Dry Time (75° F)</b>           | <b>2 to 3 hours</b> |
| <b>Recoat window</b>              | <b>2 to 3 hours</b> |
| <b>Complete Cure</b>              | <b>24 hours</b>     |

### SURFACE PREPARATION

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, material should be at least 75°F. Before applying 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 application of subsequent coats.

### COVERAGE RATE

Apply Everprime K-Prep 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. 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 product dries. In high humidity conditions late afternoon applications should be avoided as overnight dew formation on 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

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 Everprime Metal requires complete evaporation of water. Cool temperatures and high humidity retard cure. Do not leave product exposed to elements for more than 48 hours to prevent weathering and dirt pick up 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](http://polyurethane.org), [sprayfoam.org](http://sprayfoam.org), [everestsystemsco.com](http://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.

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. Used must contact Everest systems Company 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 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.