

# eF-Coat

## Elastomeric Foundation Coating

eF-Coat is a proprietary blend of latex acrylics formulated to provide an elastomeric, resilient, stucco-like finish for foundations with superior weathering characteristics.



**Manufacturing Facility:**  
Sealants & Coatings Technologies, Inc.  
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## USES

eF-Coat is designed as an above grade elastomeric coating for foundations. It can be used over a variety of substrates including concrete block, poured concrete, ICF's and stone foundations.

## ADVANTAGES

- **Flexible**  
Forms a continuous and seamless coating.
- **Textured Appearance**  
Can be troweled or sprayed in a variety of finishes.
- **Water Resistant**  
Withstands wind-driven rain, salt spray and most chemicals.
- **Superior Adhesion**  
Adheres tightly to the surface without tearing or pulling away.
- **Seals Tightly**  
Prevents air and water intrusion.
- **Low Maintenance**  
Low maintenance requirements. Easy clean up.
- **Excellent Paintable Surface**  
Provides an excellent paintable surface for acrylic latex paints.
- **Non-Toxic**  
Safe for both interior and exterior use and has no odor when cured.
- **Resists Mold & Mildew**  
Breathable finish with added fungicides.

## TECHNICAL INFORMATION

### Available Colors

eF-Coat is available in a variety of earth-tone colors. The standard colors are: Arctic White, Sandalwood, Desert Sunrise, Sandstone, Southern Gray, Smoke Gray, Mountain Gray, Sierra Tan, Palomino Beige and Hawaiian Sand. Custom colors are also available.

### Texture

Medium. Secondary textures applied over the base coat include skip trowel, knock down.

### Recommended Thickness

60-80 mils. (Approximately 1/16"-3/32").

## Physical Properties

<b>Composition</b>	Textured Acrylic Latex
<b>Viscosity</b>	Trowel Grade
<b>Density</b>	9.7 lbs./gallon
<b>Specific Gravity</b>	1.16
<b>VOC</b>	30 g/l
<b>pH</b>	8.5
<b>% Solids</b>	70%
<b>Elongation</b>	15%
<b>Temperature Range</b>	-40° F. to 250° F.
<b>Odor</b>	Odorless when dry
<b>Toxicity</b>	Non-toxic
<b>Minimum Film Forming Temperature</b>	32° F.
<b>Glass Transition Temperature</b>	-17° F.
<b>Shelf Life</b>	2 Years
<b>Stability</b>	Salt spray stable

## Coverage

eF-Coat will cover approximately 90 to 130 square feet per 5 gallon pail at the recommended thickness of 60-80 mils.

## Drying Time

eF-Coat will be tack free in 1 hour and completely cured within 72 hours depending on weather conditions composition and/or porosity of the substrate and thickness of the material.

## Packaging

eF-Coat is available in 5 gallon pails.

## Storage

eF-Coat must be protected from freezing and stored in temperatures that do not exceed 90° F. Opened containers may be stored by floating a thin film of water (1/16") on the surface of the material, covering it with plastic, and tightly relidding the container. Store out of direct sunlight.

## Clean Up

Immediately clean up uncured eF-Coat from tools, hands and equipment with soap and water. Do not allow material to dry on tools, equipment or clothing. If the material is allowed to dry, it may need to be removed with solvent.

## APPLICATION GUIDELINES

**READ AND FOLLOW ALL LABEL INSTRUCTIONS PRIOR TO APPLICATION OF THIS PRODUCT.**

### Surface Preparation

The foundation surface must be structurally sound, solid, clean and dry. eF-Coat should not be applied to loose, crumbly, chalky concrete or smooth plastic surfaces. The surface must also be completely free of any oil, solvent, asphalt impregnated materials or oil-based finishes of any kind.

One coat of SCT Sealing Primer must be applied to bare concrete surfaces prior to the application of eF-Coat. When applying eF-Coat over concrete block, any struck joints must be floated out with thin-set and all surfaces coated with SCT Sealing Primer. Self adhesive mesh must be used on insulated concrete forms (ICF). On ICF, all surfaces must be rasped to level out any surface irregularities prior to the application of eF-Coat.

### Application Method

eF-Coat can be applied by trowel or sprayed directly onto the substrate. Material should be applied and troweled to a thickness of 1/16" to 3/32" (60 to 80 mils) in a uniform coat. If a texture is desired, allow the first coat to cure prior to application of the texture coat. Troweled and sprayed textures include: skip trowel, light or heavy knockdown, orange-peel or quartz putz. If applying over self-adhesive mesh, all mesh must be covered over completely with material so that no mesh shows through the finish coat. If bubbles exist in the mesh, simply slit the material with a utility knife and trowel it smooth.

**Note: eF-Coat is not to be applied on below grade applications.**

### Application Temperature

eF-Coat should be applied when ambient temperatures range between 40° F. and 90° F. and when relative humidity does not exceed 90%.

**Note: Do not attempt to apply product if freezing temperatures are expected within 72 hours. Do not apply product during rain or when rain is imminent. If rain or other inclement weather is expected within 72 hours after material has been applied, plastic sheeting should be used to protect freshly applied coating.**

## MAINTENANCE

No particular maintenance is required. However, should any cracks or separations occur because of excessive substrate movement or other unusual circumstances, simply apply material into cracks or separations and texture as appropriate. eF-Coat may also be lightly hosed down to remove dust and dirt.

## AVAILABILITY / SUPPORT

eF-Coat is available from the manufacturing plant in Charlestown, IN (800-899-3301), as well as a national network of distributors. Sealants & Coatings Technologies, Inc. will provide technical support upon request. Visit our website to locate the distributor nearest you.

## LIMITED WARRANTY

eF-Coat is warranted for a period of five (5) years from the date of application.

**Exceptions:** This warranty does not cover failures due to the following:

- Fire, flood, natural disaster or any other act of God.
- Improper storage, handling or installation.
- Plumbing leaks, faulty construction or house settling which exceeds the material elasticity.
- Improper roof, chimney or wall penetration construction or flashing that allows water to get behind the eF - Coat.
- Substitution of any unauthorized materials.
- Unauthorized "field modification" of any of the supplied products.
- Damage caused by riots, strikes, or any act of war, terrorism, or other criminal or civil disturbance.

**Claims Notification:** Notification of claims must be made in writing to Sealants & Coatings Technologies, Inc. upon discovery of areas of concern. If eF-Coat is proved to have failed during the warranty period, Sealants & Coatings Technologies, Inc. will replace the failed material FOB its nearest distribution point. Sealants & Coatings Technologies, Inc. reserves the right to inspect the jobsite by an authorized representative prior to settlement of any claims.

Sealants & Coatings Technologies, Inc. sole and complete responsibility for proved material failure is as set forth in this warranty. Sealants & Coatings Technologies, Inc. will not be held responsible for incidental, indirect or consequential damages including reinstallation labor. The user is solely responsible for determining the suitability of this product for its intended use prior to application. User assumes all risk and liability in connection therewith. Questions regarding this warranty should be directed to the nearest Sealants & Coatings Technologies, Inc. representative.

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