



## APPLICATIONS INSTRUCTIONS

Firefree Exterior Topcoat ("FfE") is a premium, 100% acrylic exterior paint and its application is similar to applying any acrylic exterior paint (except for the thickness recommended by Firefree Coatings, which needs to be precisely complied with for adequate performance. FfE is listed and inspected by the International Code Council ("ICC").

FfE is to be used exclusively over surfaces previously coated with Firefree Class A ("FfA") or Firefree 88 ("Ff88"), to improve the durability of such products if used in exterior applications in strict compliance with Firefree Coatings ("Firefree")'s recommendations.

### **SURFACE PREPARATION**

FfE is designed to be applied on top of Firefree Class A or Firefree 88. The underlying coat of FfA or Ff88 must be thoroughly dry before FfE is applied (see FfA or Ff88 Application Instructions as applicable). All surfaces must be covered with FfA or Ff88. Such FfA or Ff88 covered surface must be dry and clean before FfE is applied.

### **TEMPERATURE**

Do not apply FfE if air or surface temperature is below 40F° (4C°).

### **APPLICATION EQUIPMENT**

FfE can be applied by airless sprayer, roller or brush. Spraying and back rolling is recommended on new flat work. Stir thoroughly before and during use. Maintain a wet edge to avoid lap marks. **DO NOT thin.**

Spray (Airless): Recommended low pressure tip size; use .013" (0.033 cm) - .015 (0.038 cm). Follow recommendation of pressure range set by tip manufacturer. heavy duty 4" to 12 "(10.16 cm to 30.48 cm) fan width recommended.

Roller: use 3/8" - 3/4" (9.53 - 19.05 mm) nap synthetic cover for heavy application. Other rollers may be used depending on desired finish.

Brush: use a Nylon/Polyester Brush. A laying on technique will reduce the brush marking.

### **THICKNESS/COVERAGE**

The recommended thickness for FfE is: 12 mils wet / 6 mils dry, to be applied in two coats at 6 mils wet / 3 mils dry per coat. The coverage rate is 110 sq ft/gal (2.70m<sup>2</sup>/L) at 6 mils dry.

The dry film thickness recommended by Firefree needs to be precisely complied with for adequate performance. The wet film thickness should be checked using a wet film thickness gauge.



Read instructions on gauge for proper use.

## **DRYING TIME**

Drying time is when the surface is thoroughly dry to the touch. The first coat of FfE must be thoroughly dry to the touch before the next coat is applied. Drying times are dependent upon a number of factors, including **Temperature, Air Movement, Humidity and Method of Application**.

## **COLOR, FINISH, AND USE OF TOPCOAT OVER FfE**

FfE comes in a white and deep base, satin finish. If a different color or finish is desired, FfE can be top coated with most premium top coats to achieve the desired color and finish. Please contact Firefree for more information.

## **SURFACTANT LEACHING**

This can occur with any exterior latex house paint when water soluble components are extracted and redeposited in concentration on the surface. The likelihood and severity of this deposition depends on the paint formulation and the conditions under which the paint is applied and dried. This will generally weather off in a month. Please refer to separate memo on Surfactant Leaching for more information ([www.firefree.com](http://www.firefree.com)).

## **MAINTENANCE**

Surfaces which have been coated with FfE should be protected from abuse and abrasion. Damaged surfaces should be repaired and new FfE should be applied to the original recommended dry film thickness.

## **SAFETY**

Avoid contact with eyes, skin and clothing. Do not take internally. Use personal protective clothing, including safety glasses to prevent any particles of paint from entering the eyes. Protective gloves are recommended for prolonged contact exposure. Respiratory protection is recommended, but not required; however, make sure plenty of ventilation is allowed. Protective half masks can be used when painting to prevent breathing paint dust or particles from entering the lungs. Wash thoroughly after handling. Close container after each use. Keep out of reach of children. For additional safety information consult the Safety Data Sheet for this product.

## **DISPOSAL**

Never pour leftover coating down any sink or drain.

Use up material on the job or seal can and store safely. Do not incinerate. For specific disposal or recycle guidelines, contact your local waste management agency or district. Always attempt to recycle whenever possible.

## **STORAGE AND TEMPERATURE**

FfE cannot be exposed to freezing temperatures or exposed continuously to direct sunlight. FfE needs to be stored at temperatures between 50F and 85F (10C to 29C). Expected shelf life is two years from date of manufacture (DOM). Product must be kept in storage temperature conditions and in original unopened containers.

## **ABOUT THE COMPANY**

FIREFREE® Coatings, Inc is the leading developer of high-quality fire retardant and fire-resistant intumescent coatings that will help reduce the spread of fire, minimize smoke and toxic gases that would occur during a fire, thus giving occupants extra time to evacuate a building safely and limiting destruction of property. Our products are tested at a third-party accredited International Accreditation Service (IAS) testing laboratory.

Firefree Coatings is deeply committed to human safety and environmental issues and is strongly positioned to meet the increasing demand for fire safety benefits for commercial, governmental, residential and other advanced markets. Firefree Coatings is a member of NFPA, ICC and ASTM E-05 Committee.

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