

# PRODUCT DATA SHEET



## Ff Exterior Topcoat

*Satin*

### PRODUCT INFORMATION

Firefree Exterior Topcoat (“FfE”) is a proprietary, premium, 100% acrylic, protective coating 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 compliance with Firefree Coatings (“Firefree”)’s recommendations. There can be no substitution of FfE as this proprietary acrylic topcoat has passed the weatherization test (ASTM D2898, method B) over the Firefree intumescent coatings. Any substitution would void any warranty express or implied.

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 exterior latex paints to achieve the desired color and finish.

FfE is a required component of the Firefree Exterior System. The system is designed to provide fire ignition resistance benefits, per ASTM E-84 30 Minute Extended, in exterior applications (walls, sidings, eaves, soffits), thus improving fire retardation for structures exposed to wildfires and bushfires. The Firefree Exterior System has two components:

- Firefree Class A, applied at 20 mils dry to provide the fire-retardant abilities, and
- Firefree Exterior Topcoat to be applied at 6 mils dry over FfA to protect the fire-retardant properties of FfA from exterior weathering. **FfE on its own does not have any fire-retardant properties.**

### KEY FEATURES

- High quality acrylic resin
- Easy to use and apply.
- Environmentally friendly
- Great adhesion and color retention
- Excellent early moisture resistance and UV resistance
- Washable, resists dirt pick-up
- Low temperature application to 40°F (4°C)

### CERTIFICATIONS & COMPLIANCE

- ICC-ESL 1205

COMPLIES WITH BELOW AS OF 04/24/2017					
SCAQMD	CARB	LEED V3	GS-11	AIM	VOC <50g/L
CARB	YES	YES	YES	YES	YES

### PRODUCT CHARACTERISTICS

**Resin Type:** 100% Acrylic

**Tint Bases:** WHITE: (Max tint 4oz/Gal; 4oz/0.11kg)  
DEEP: (Max tint 12oz/Gal, 12oz/0.34kg)

**Finish:** Satin 20-30 @ 60°F

**Coverage:** 229 sq. ft/gal (5.62 m<sup>2</sup>/L) at 6 mils wet/ 3 mils dry per coat

**Coats Required:** 2 coats, total 6 mils dry

**Drying Time:** Must be dry to the touch. Drying times may vary depending on temperature, humidity, and natural conditions.

**Weight per Gallon:** 10.69 lbs (4.85 kg)

**Solids by Weight:** 55%

**Solids by Volume:** 42.9%

**VOC:** <50 g/L (<6.09 oz/gal)

## PRODUCT SPECIFICATIONS

Coating thickness: (2) coats @ 3 mils dry each; total 6 mils dry. Total coverage rate with the two coats specified: 110 sq.ft/gal (2.70 m<sup>2</sup>/L).

FfE must be used over the Firefree® line of intumescent coatings to provide durability on exterior weather conditions. The Firefree intumescent coatings (FfA or Ff88) must be applied to the recommended uniform dry film thickness specified by Firefree Coatings in order to meet the specified levels of fire protection.

## APPLICATION INSTRUCTIONS

FfE is a premium, 100% acrylic exterior paint and its application is similar to applying any acrylic exterior paint (except for the recommended thickness that needs to be precisely complied with for use in the Firefree Exterior System. FfE can be brushed, rolled, or sprayed using an airless spray gun. Additionally, because of its high percentage of solids, it will have an excellent spread rate and coverage. *For application instructions and recommended equipment, please read the FfE Application Instructions. It is the sole responsibility of the customer to choose a qualified applicator for the Product and ensure that such applicator applies the Product in strict compliance with the Application Instructions and the recommended thickness is applied.*

## LIMITED WARRANTY

**Firefree provides a ten (10) Year Limited Warranty from purchase of the Product. Please read the warranty below carefully as it contains important information from the manufacturer.**

For a period of ten (10) years from purchase, FfE will not crack, peel, or chip if properly applied to a properly prepared and approved surface and if properly maintained. If FfE fails to meet the terms set forth above, Firefree will provide, at no charge, a quantity of Product sufficient to repaint the surface affected. **This is the exclusive remedy for all warranty claims. This warranty specifically excludes labor or costs of labor or incidental or consequential damages associated with the use of this product.**

In the event of a warranty claim, the claimant must notify Firefree in writing of the defect promptly following discovery (within 10 days) and must submit (i) proof of purchase, including the date of purchase, (ii) proof that the Product was applied in strict compliance with Firefree's Applications Instructions for the Product, and that the recommended thickness was applied, and (iii) proof of the defect (including photos and sample of defective materials) and date of discovery. Firefree reserves the right to inspect any painted surface to which the warranty claim applies.

This warranty will be void if, post application, the Product is (a) treated by any abrasive process or material, (b) exposed to any biological solvent or caustic chemical or agent, (c) altered or repaired, or (d) applied to any surface not covered by Ff88 or FfA (each of which needs to have been applied in accordance with its own Application Instructions). The

warranty will also be void if the Product is; (i) diluted or adulterated, (ii) mixed with any other product, (iii) not stored or applied in strict compliance per Firefree’s Applications Instructions for the Product, (iv) not applied in the required uniform thickness per Firefree’s specifications, (v) not inspected in accordance with Firefree’s instructions, or (vi) used after two (2) years from the date of purchase.

**THIS WARRANTY IS MADE IN LIEU OF ANY AND ALL OTHER WARRANTIES. THE MANUFACTURER EXPRESSLY DISCLAIMS ANY AND ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR USE.**

For further information, please call 888-990-3388/ 415-459-6488. Refer to Safety Data Sheet (SDS) for further safety and handling information.

### **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 third-party accredited International Accreditation Service (IAS) testing laboratories.

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

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