

PRODUCT DATA SHEET



Ff Exterior Topcoat

Satin

PRODUCT INFORMATION

Firefree Exterior Topcoat (“FfE”) is a proprietary, premium, 100% acrylic, exterior paint 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.

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 topcoats 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 1206**

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 m²L) at 6 mils wet/ 3 mils dry per coat

Coats Required: 2 coats, total 6 mils dry

Drying Time: To touch: 30 minutes (70°F & 50% R.H) To recoat: 4 hours

Drying times listed above 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 m²/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.*

LIMITED WARRANTY

Firefree Coatings, Inc. ("Firefree") provides the following limited warranty for the Firefree Exterior Topcoat ("FfE"). 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 previously coated with Firefree Products, and properly maintained. If FfE fails to meet the terms set forth above, Firefree will provide, at no charge, a quantity of FfE 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 and must submit proof of purchase, including the date of purchase, proof that the recommended thickness was applied, and proof of the defect, including the date of discovery. Firefree reserves the right to inspect any painted surface to which the warranty claim applies.

This warranty will be void if the surface is (a) treated by any abrasive process or material, (b) exposed to any biological solvent or caustic chemical or agent, or (c) altered or repaired. The warranty will also be void if FfE is; (i) diluted or adulterated, (ii) mixed with any other product, (iii) not stored per Firefree's instructions (iv) not applied in the required uniform thickness per Firefree's specifications, or (v) if used after two (2) years from the date of purchase.

The manufacturer expressly disclaims any and all 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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