



FIREFREE® EXTERIOR
FIRE RETARDANT FOR EAVE AND SOFFIT

PRODUCT DATA SHEET

When Time and Safety Matter

DESCRIPTION

FIREFREE® Exterior (“FFE”).

FFE is a premium quality water based, non toxic, thin film intumescent fire retardant product formulated to provide a fire retardant barrier on wood and cellulose materials.

FIREFREE® Exterior coating is designed to provide additional fire protection on eaves, soffits and overhangs by providing additional protection to the coated wood surfaces from flame spread, smoke development and flashover. However, Firefree Coatings recommends, in conjunction with Firefree® Exterior coating, the installation of the self-closing vent (www.vulcanvents.com) for additional protection, and to reduce the probability of both flames and embers intrusion into the attic.

CHARACTERISTICS

- Tested to provide additional fire protection to eaves, soffits and protected overhangs
- Resists mold
- Non-toxic
- Environmentally friendly (low VOC, 33 grams/liter)
- Solids by weight 68%

PACKAGING

5 gallon containers, weight per container 60 lbs.

COLORS: Standard off-white

FINISH: Flat

TINTING: Not recommended

The information and recommendations set forth in this Product Data Sheet are based upon tests conducted by Firefree Coatings, Inc. Such information and recommendations set forth herein are subject to change and pertain to the product specified on this document. The information in this Product Data Sheet replaces or supersedes any information pertaining to the product's application listed on product's packaging label and / or product's brochure. Firefree is a registered trademark of Firefree Coatings, Inc. www.firefree.com



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APPLICATION

Firefree Exterior is to be used as an undercoat to provide fire retardant protection to eaves overhangs and soffits. Apply at 15 mils wet/10 mils dry followed by two coats of a premium grade acrylic. Selection and method application of the top coat is at the discretion of the acrylic manufacturer.

Surface Preparation

All surfaces to be coated with FFE must be clean, cured, firm, dry and free of dust, dirt, oil, wax, grease, mildew, loose flaking paint, efflorescence or any other contamination or condition that would adversely affect the performance of the coating. Etch or prime (with a latex primer or fast dry oil base primer/sealer) glossy, glazed or dense surfaces must be primed prior to the application of Firefree Exterior.

When the air temperature is at 50°F, substrates may be colder; prior to painting, check to be sure the air, surface, and material temperature are above 50°F and at least 5°F above the dew point. Avoid using if rain or snow is expected within 2-3 hours. Do not apply at air or surface temperatures below 50°F or above 90°F, or when air surface temperatures may drop below 50°F within 48 hours.

LIMITATIONS

FIREFREE® EXTERIOR is not designed for use on vertical siding or weather expose fascia boards, window trims, roof, decks or any weather exterior surface areas.

DRYING TIME

Drying time, @ 77F, 50% RH: Temperature and humidity dependent.

@ 50-75F Touch dry: 4 hours Recoat: 24-48 hours

@ 50F+ Touch dry: 2 hours Recoat: 8 hours

Note: If humidity is higher, drying time will be slower.

For additional information, please contact Firefree Coatings, Inc at 888 990 3388.

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MAINTENANCE

Surfaces which have been coated with Firefree® Exterior should be protected from abuse and abrasion. Damaged surfaces should be repaired and Firefree® Exterior should be reapplied to the original specified dry film thickness to maintain specific rating.

CLEAN UP INFORMATION

Wash brushes, rollers, spray guns & pumps and other painting tools in COLD clean water promptly after painting. Clean and remove any dried product with the use of Goof Off. Use all products completely or dispose of properly. Local disposal requirements vary; consult your sanitation department or state-designated agency for more information on disposal options. Use only with adequate ventilation. Do not breathe spray mist or sanding dust. Avoid contact with eyes and prolonged or repeated contact with skin. Wear eye protection and or gloves during application or sanding. A dust/particulate respirator approved by NIOSH should be worn when sanding or spraying. Close container after each use. First Aid: If you experience difficulty breathing, leave the area to obtain fresh air. In Case of Spill: Absorb with inert material and dispose of as specified under “CLEANUP”.

Mildew Resistant. This Coating contains agents that inhibit the growth of mildew on the surface of this coating.

WARNING!

If you scrape, sand, or remove old paint, you may release lead dust. LEAD is toxic. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424 LEAD or log on to www.epa.gov/lead.

WARNING! Sanding or scraping pressure treated lumber may be hazardous. Wear appropriate protection.

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COVERAGE/SPREAD RATE

Application at a rate of 15 mils wet, 10 mils dry has a theoretical spread rate of 114 sq.ft/gal. Confirm wet film thickness with a wet film thickness gauge. Any consideration for quantity and waste or overspray is the sole responsibility of the end user. Waste factor will depend on the method of application (brush, roll or spray), job site conditions and other factors and should be based on the applicators experience.

RECOMMENDED EQUIPMENT

Spray – Airless: Remove filters. Big mesh in bucket 30 gauge
Pressure: 1500 to 3300 psi
Tip: .017 to .023 HD (Heavy Duty)
4” to 6” width recommended (dependant on application)
Reduction: do not thin
Roller: Use a 1” – 1 ¼” nap synthetic cover
Brush: Use a nylon/polyester brush

STORAGE

FIREFREE® EXTERIOR for eave overhangs and soffits cannot be exposed to freezing temperatures or direct sunlight. It is important to maintain storage temperatures above the freezing point. **FIREFREE® EXTERIOR for eave overhangs and soffits** should be stored at temperatures between 50° to 85°. Expected shelf life is one (1) year from the date of purchase. Product must be kept at recommended storage conditions and in original unopened containers.

LIMITED WARRANTY

FIREFREE COATINGS, INC., (FIREFREE) provides the following limited warranty:

For a period of five (5) years FF Exterior (“FF E”) will not crack, peel, or chip if (a) properly applied to a properly prepared approved surface, b) properly maintained under normal conditions, (c) applied to the soffit and/or eave areas as a primer followed by two coats of High Performance Acrylic (HPA).

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If FF Exterior fails to meet the terms set forth above, FIREFREE will provide, at no charge, a quantity of FF E sufficient to repaint the surface affected. **This is the exclusive remedy for all warranty claims.** 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, 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 (other than normal sanding before application of FF E), (b) exposed to any biological solvent or caustic chemical or agent, (c) altered or repaired, (d) use on vertical siding. The warranty will also be void if, (i) FF E is diluted or adulterated, (ii) mixed with any other product, (iii) is not stored, applied, in the required uniform thickness, and in accordance with the manufacturer's recommendations, instructions, and specifications, or (iv) if used after one (1) year from the date the product was purchased, or (v) if not applied to the soffit and/or eave areas as an undercoat followed by two coats of a premium grade acrylic.

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 1-888-990-3388.

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