

About Us

Firefree Coatings, Inc. is the leading developer of high-quality fire-retardant and fire-resistant intumescent coatings that can 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 property damages.



Firefree Coatings is strongly committed to human safety and environmental issues and is strongly positioned to meet the increasing demand for fire safety for commercial, industrial, government, residential, and other markets.

Contact Us



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FIREFREE CLASS A Intumescent Fire Retardant Paint

Firefree® Class A ("FfA") is a water based, single component, self-priming, flame-retardant coating that complies to "Class A" ratings per ASTM E84 and ASTM E84 30 Minutes Extended.





Application

FfA can be easily applied by airless sprayer, roller, or brush by an experienced and licensed contractor in strict adherence to the FfA Application Instructions.

Substrates | Assemblies

FfA is used on most combustible wood materials, such as plywood, framed paneling, joists, oriented strand board (OSB), and other types of lumber on walls, siding, eaves, soffits, ceilings, attics and etc.



Color | Finish

FfA comes in a white, flat finish. If a different color or finish is desired, it can be top-coated with premium-quality paints and is also tintable (not to exceed 8 oz/gal.)

Recommended uses

- Commercial & Residential: Schools, restaurants, apartments, hospitals, hotels, stores, Data Centers and more.
- Industrial & Government: Military facilities, government buildings, oil, light rail, solar facilities, aero-space, aviation and more.

Evaluation Standards

Certification

Firefree Coatings meets the highest standards for fire safety, sustainability, and environmental performance, undergoing rigorous testing at accredited IAS-certified laboratories to ensure reliability and code compliance.

Fire Safety Standards:

- ICC ESL Listings: 1205, 1206, 1213 CAN/ULC;
- ASTM E84 - Standard Test Method for Surface Burning Characteristics of Building Materials
- California State Fire Marshal, BML Listing No. 2280-2112

Environmental & Health Standards:

- ASTM D5116 Organic Emissions
- Low VOC per ASTM D3960
- CDPH/EHLB Standard Method v1.2, 2017 Emissions

Sustainability:

- Low emissions credit can be earned (3-5 points) by using the FFA coating.

Testing Performance

ASTM E84 & Duration	Thickness (Dry/Wet)	FSI / SDI*	Coverage Rate
10 min	6 mils dry/ 9 mils wet	FSI-20 SDI-90	178 sqft/gal
10 min (air plenum spaces)	10 mils dry/ 15 mils wet	FSI-5 SDI-30	106.5 sqft/gal
30 min Extended	8 mils dry/ 12 mils wet	FSI-20 SDI-45	133.5 sqft/gal
	20 mils dry/ 30 mils wet	FSI-0 SDI-0	53 sqft/gal

*FSI (Flame Spread Index) | *SDI (Smoke Developed Index)

Why Choose Us?

QUALITY PRODUCTS



With more certified testing on diverse materials and assemblies than any other coating on the market, we offer high-performance fire-resistant and fire-retardant intumescent coatings, fully tested and approved by IAS/ICC, ISO/IEC, and FM fire testing laboratories.

PROFESSIONAL SERVICE



With 50+ years in construction and 30+ years in fire testing, we deliver a high level of the technical support in fire safety.

SUPPLY LEAD TIME



With our order processing capabilities and full inventory of intumescent coating materials, you can expect a well-coordinated service and delivery on orders.

100% SATISFICATION



Our extensively tested products offer superior fire protection while minimizing project disruption and reducing costs compared to traditional construction methods.

COST-EFFECTIVE



The most cost-effective Intumescent fire-retardant coating in the industry.