

BLAZEGUARD Fire-Retardant Paint is a water based intumescent coating for use over combustible construction materials. It forms an expanded protective char in a fire that greatly inhibits flame spread and smoke development. It will slow the burn-through of combustible construction materials to help meet building fire codes. It can allow the use of combustible construction materials where a Class A rating by ASTM E-84 is required by building codes.

BLAZEGUARD Fire-Retardant Paint contains no volatile organic components, is low odor, and non-hazardous to apply and use. It uses a synergistic blend of non-hazardous fire retardant components to obtain its superior protective qualities.

BLAZEGUARD Fire-Retardant Paint is intended for interior applications with excellent adhesion to wood, OSB, drywall, and concrete. It is flexible, and will not chip, crack, flake nor blister. It can be over-coated with commercial latex paints.

BLAZEGUARD Fire-Retardant Paint meets NFPA 90A & 90B 25/50 requirements for interior applications when tested by ASTM E-84 over construction materials at 120 ft²/gallon cover rate. Tested at 120 ft²/gallon over 7/16 inch OSB it obtained a FSI of 5, and a Smoke developed Index of 150.

Typical Properties

Color:	White
Consistency:	Brush, roll, or spray
Weight per gallon:	10.6-10.8 lbs.
Total Solids by Weight:	60-63%
Viscosity range:	2000-4000 cps
Coverage Rate:	80-250 ft ² /gal. (Subject to the smoothness and porosity of the material being coated, and protection required.)
Drying Time:	(Subject to temperature, humidity, surface moisture content and coverage rate.)
Set to touch:	1-2 hours
Dry through:	48-96 hours
Wet Flammability: ASTM D93	No Flash to boiling (212°F)