



DC333 Intumescent Fireproof Primer



Description

DC 333 is a water based intumescent coating used to increase fire resistance ratings of construction materials like OSB/Plywood, gypsum and lumber. DC 333 is also effective at reducing flame spread ratings of materials not required to meet resistance ratings. Applied as a primer to interior surfaces, DC 333 can be top-coated with desired finish latex paint to match décor. NFPA 703, Standard for Fire Retardant – Treated Wood and Fire-Retardant Coatings for Building Materials, defines FRTW as “a wood product impregnated with chemicals by a pressure process or other means during manufacture, which is tested in accordance with ASTM E 84, Standard Test Method of Surface Burning Characteristics of Building Materials, NFPA 255, Standard Method of Test of Surface Burning Characteristics of Building Materials or UL 723, Standard for Test for Surface Burning Characteristics of Building Materials; has a listed flame spread index of 25 or less; and shows no evidence of significant progressive combustion when the test is continued for an additional 20-minute period; nor does the flame front progress more than 10.5 feet (3200 mm) beyond the centerline of the burners at any time during the test.”

Specifications

Finish:	Flat
Packaging:	5 Gallon Pails
Color:	Off White
V.O.C.:	56 g/L

Advantages

- Water Based Acrylic Latex
- 200 sq. ft. per Gallon as Class A
- Non-Toxic
- Hypoallergenic
- Non-Carcinogenic
- Passed Strict EPA – V.O.C. and AQMD
- Spray, Roll, or Brush
- Warnock Hersey Listed
- Compatible with any interior paintable surface

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Testing:

Facility	Testing Standard	Protocol	Time/Test Results	Coverage Rate
Intertek	ASTM E 84	Surface Burning Characteristics	Flame 25 / Smoke 165	300 sq. ft. per gal
Intertek	ASTM E 84-08 30 minutes extended with exterior top coat	Surface Burning, California Urban Wildland Interface, NFPA 703 Standard for FRTW	Flame 0 / Smoke 20	100 sq. ft. per gal
Applied Physics Laboratory	A.S. 1530 part 3, 1999 Early Fire Hazard Properties	Simultaneous Ignition, Flame Prop., Heat release and Smoke release	0 / 0 / 0 / 3	2.5 sq m/L
Western Fire Center (WFC)	A.S.1530.4 Equivalent to ASTM E 119, CAN/ULC S 101	Thermal Barrier, Wood Stud 1/2" Gypsum Assembly	1 Hour / Passed	65 sq. ft. per gal
CSIRO	A.S.1530.4 Equivalent to ASTM E 119, CAN/ULC S 101	Thermal Barrier, FC Sheet ceilings	90/90/90 and 60 Minutes RISF	0.7m ² /L
CSIRO	A.S.1530.4 Equivalent to ASTM E 119, CAN/ULC S 101	Thermal Barrier, Fibrous plaster ceilings	90/90/90 and 60 Minutes RISF	1m ² /L
CSIRO	A.S.1530.4 Equivalent to ASTM E 119, CAN/ULC S 101	Thermal Barrier, Standard plaster-board ceilings	60/60/60 and 60 Minutes RISF	1m ² /L
CSIRO	A.S.1530.4 Equivalent to ASTM E 119, CAN/ULC S 101	Thermal Barrier, Lath and plaster ceilings	90/90/90 and 60 Minutes RISF	1m ² /L
International Carbide	ASTM E 119 Internal Test Report,	Vertical wall 1/2" Stud / Gypsum Assembly	1 Hour / Passed	60 sq. ft. per gal
Intertek	CAN/ULC S101	Fire Endurance Thermal Barrier	15 Minutes / Passed	110 sq. ft. per gal
Intertek	CAN/ULC S102	Surface Burning	Flame 0 / Smoke 25	
Accugen Laboratories Inc.	ASTM D 5590	Mold and Fungal Resistance Test	Mold Resistant	
International Carbide	ASTM E119 Internal Test	Fire Endurance and Hose Stream / Plywood	1 Hour / Passed	40 sq. ft. per gal
Wecks Labs.	EPA AQMD VOC	VOC Emission	56 g/L	
CSIST Fire Research Labs	NES 713	Toxicity During Combustion	Non Toxic	
UL	UL 723	Surface Burning	Flame 5 Smoke 10	100 sq. ft. per gal
UL	UL 723	Surface Burning	Flame 10 Smoke 25	200 sq. ft. per gal

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International Fireproof Technology Inc.
The Ultimate in Firestop Solutions and Fire Protective Coatings

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