

FireShield™ Type A

Wood Fireproofing Coating

FireShield Fireproofing Coating Type A: Wood

is a water-based fireproofing coating for wood. It forms a clear intumescent coat for wood and other cellulose based materials like paper, cardboard and other porous materials. Upon exposure to fire, FireShield's intumescent properties allow it to expand and create a char barrier, insulating the wood surface from heat and oxygen to retard the spread of flames.

Chemical Nature

Water-based fireproofing coating for wood.

Features

- Water-based
- Odor-less
- Controls spread of flames and fire propagation
- Reduces smoke
- Low to zero VOC (no odor)
- Environmentally friendly
- Non-toxic
- Easy to apply



Flame spread ratings/classes are based on the ASTM E-84 which was developed by subcommittee E05.22 "Test for Surface Burning Characteristics of Building Materials." This test measures the relative rate at which flame spreads over a given surface and the degree of smoke development and toxicity. Class ratings and their associated flame spread ratings are:

Classification	Flame Spread Classification	Smoke Development
Class A or Class 1	0-25	0-50
Class B or Class 2	26-75	0-100

FireShield Type A: Wood Fireproofing Coating conforms to ASTM E-84 with the following result:

Classification	Flame Spread Classification	Smoke Development
Class A or Class 1	15	25

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COMPOSITION

Inorganic Silicon-oxygen Polymer

PROPERTIES

Odor: Odorless
Color: Clear Colorless
Packaging: 1 Liter
Coverage: 5 - 6.5 sq.m. per 1 liter
pH: (1% soln/water) Basic

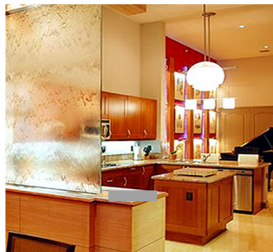
PRECAUTIONS

Keep container dry. Do not breathe gas/fumes/ vapour/spray. Never add water to this product. In case of insufficient ventilation, wear suitable respiratory equipment. If you feel unwell, seek medical attention and show the label when possible. Avoid contact with skin and eyes. Keep away from incompatibles such as oxidizing agents, acids.

STORAGE

Corrosive materials should be stored in a separate safety storage cabinet or room.

M.S.D.S: Available upon request.



 **CAMPBRIDGE**
P A I N T S
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