

FireShield™

Fireproofing Paint

Intumescent

- ASTM E-119 (UL 263)
2 Hour Fire Rating
- ASTM E-84 (UL 723)
Class A Rating
- Water-based



DESCRIPTION

Fireshield Fireproofing Paint - is a water-based intumescent coating for concrete, gypsum/fiber cement boards, steel/metal and wood. This product prevents penetration of fire on the applied substrate by forming a thick char (intumescence) that acts as a thermal barrier and lowers the spread of flame up to 2 hours.

APPLICATION

- Wall & Ceiling
- Concrete
- Gypsum / Fiber Cement
- Steel / Metal
- Wood



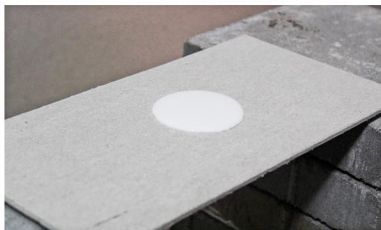
PROPERTIES

ASTM E-119 (UL 263) 2 Hour Fire Rating.

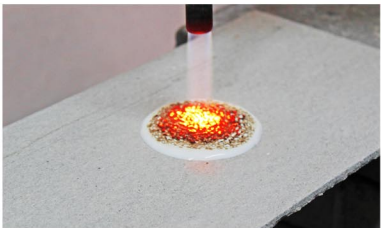
This means that a structure applied with FireShield Fireproofing Paint will not collapse, nor transmit flame or a high temperature, while supporting a design load, up to 2 hours after a fully developed building fire.

ASTM E-84 (UL 723) Class A Rating. This means that it has the lowest and slowest flame spread on the material surface. The speed of flame over surface interior material can affect the safety of people within a building if flame spread is faster than evacuation can be accomplished, or if fire spreads throughout an entire building before adequate fire protection measures can extinguish the blaze.

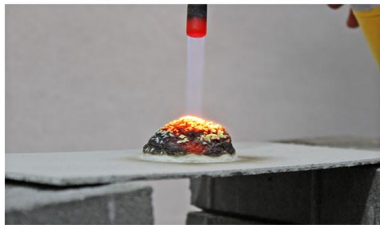
TESTING RESULT



Picture 1 Initial condition of panel with **FireShield**



Picture 2 After fire exposure **FireShield** starts to swell.



Picture 3 **FireShield** exhibits up to 50 times volume expansion with continuous fire exposure.



Picture 4 Final appearance of the panel after 2 hours fire exposure, **FireShield** prevented fire penetration to the panel.



Picture 5 Back of the panel after 2 hours fire exposure, exhibits no cracking / fire spot.

COLOR: White

PACKAGING: 4 liters, 16 liters

COVERAGE: 4 liters - 16.0 sq.m

@ 0.25mm. wet film thickness / coat

@ 0.1mm. dry film thickness / coat

16 liters - 64.0 sq.m

@ 0.25mm. wet film thickness / coat

@ 0.1mm. dry film thickness / coat

DRYING TIME: 30 mins. @ 30°C - touch dry

1 hour @ 30°C - recoat

8 hours @ 30°C - dry through



CAMPBRIDGE
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DISCLAIMER: The product information and application details given by the company and its agents has been provided in good faith and meant to serve only as a general guideline during usage. Users are advised to carry out tests and take trials to ensure on the suitability of products meeting their requirement prior to full scale usage of our products. Since the correct identification of the problems, quality of other materials used and the on-site workmanship are factors beyond our control, there are no expressed or implied guarantee/warranty as to the results obtained. The company does not assume any liability or consequential damage for unsatisfactory results, arising from the use of our products.