



Fire Retardant Paint - 6815

PRODUCT DESCRIPTION

A superior quality of fire retardant paint based on fire proof binder, additives and chemicals. It is basically suitable for wood , steel structure and concrete.

PRODUCT USE

For excellent fire retardant behaviour.
 Good weather resistant.
 Good adhesion properties.
 Non- toxic.
 Non-yellowing.
 Water vapor permeable.
 Can work at a variety of temperatures.
 Almost odourless and easy to apply.

SUBSTRATES

Concrete, wood and steel structures etc.

CHARACTERSTICS

Color	White or any requested color
Finish	Smooth/ Flat
Gloss	Matt
Density gm/cc	1.40 +/- 0.02
Volume Solids %	56
Theoretical Coverage	Approx. 1 sq. mt/lt.(depends upon the substrate condition & method of application)
Mixing Ratio	NA
Drying Time (S/D)	Approx 1-2 hours.
Drying Time (H/D)	4 hours.(min.)
Washability	Above 1500 cycles.
Adhesion of Paint Film	Satisfactory
Flexibility of Paint Film	Excellent.
Flash Point	NA
Pot Life	NA
Overcoat Interval	Approx. 10 hours.
Shelf Life	12 months from date of production.

SURFACE PREPARATION & CONDITION

Should be stable , firm, dry and free from laitance,dust and loose flaking materials,loose old paints, dirt, grease, wax and any other contaminations.

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PAINT SYSTEM ADVICES

a) For New Sustrates

Ensure wood and steel surfaces are dry enough and properly cleaned.
 Concrete : Surface should be cleaned by sand blasting or by acid etching. .If acid etching is used, surface should be thoroughly washed, afterwards wash with clean water to remove any residue , then allowed to dry below 12% moisture content. Any defects should be filled with suitable repair mortar if greater than 3 mm in depth.

b) Old Sustrates

Wood finish : All seams must be reinforced by embedding a 10 cm. wide strip of fiberglass tape into the wet fire retardant which then should be brushed evenly over the seam to a WFT of approx. 1000 micron.

APPLICATION DETAILS

Porous and slightly textured areas should be primed first with a coat of Fire retardant paint diluted with 20% water maintaining a thickness of 100-150 micron.
 At intersections of membrane and vertical wall, columns, pipes and other penetrations including cracks and control joints to be coated with Fire retardant paint.

APPLICATION GUIDELINE & INSTRUMENT FOR USE:

a) Brush, Roller & Others

Volume of Thinner	5-10%
Recommended Thinner	Pure water

b) Air Spray

Volume of Thinner	10-15%
Recommended Thinner	Pure water

c) Airless Spray

Volume of Thinner	NA
Recommended Thinner	NA

d) Cleaning Solvent

Pure water