

UNIVERSAL ENTERPRISES

FIRE-X 301

FIRE INTUMSCENT PAINT



TDS/FX201/020518

Technical Data Sheet

Product Description:

A high performance, high build, solvent based, intumescent fireproofing coating, designed to be used on Steel, Masonry Wooden structures, Gypsum Boards, False ceilings requiring protection from fire hazard. Typically applied on site, **Fire-X 301** will achieve the desired protective thickness in one or two coats, as required. Functionally, the product has excellent corrosion resistance and mechanical properties, and can provide fully fire/flame barriered steel/concrete or wooden structures to withstand flame temperatures of around **800°C for two hours in two coats.**

Recommended Use:

To assist in the preservation of structural integrity of steel, masonry and wooden structures in a cellulosic fire. Typical application areas are steel structures, wooden furnitures/ staircase, false ceilings, mobile towers, factories, server rooms, I section beams, ships, railways, hospitals etc.

Physical Properties :

Colour	Any
Viscosity (B4)	90-95 sec
Solid Content	55%
Specific gravity	1.2+/- 0.03

Thickness:

Thickness of a single coat of **Fire-X 301** is around **40-45μ.**

Coverage:	Theoretically, 1Kg of Fire-X 301 covers up to 40-45 sqft
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Drying time:	Surface dry 45mins Hard dry 8 hrs
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Surface preparation:	All surfaces to be coated, should be clean, dry and free from loose particles and contamination. The substrate should be clean and Fire X 301 can be applied directly on steel, masonry and wooden surface and it should be over coated with two coats of Fire-X 301 to achieve the desired protection.
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Application:	Fire-X 301 is a solvent based material which should be mixed with Wathin 7 to form a uniform mixture by mixing thoroughly with a stirrer. Spray, trowel and Brush application is recommended and this product is not designed for Dip application.
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Clean Up:	All tools, spray guns etc should be cleaned up with Wathin 7 after application of Fire-X 301 .
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Storage:	Typical shelf life of Fire-X 301 is 24 months .
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