

Wasser Polymer Pvt. Ltd

FIRE-X 201

FIRE RETARDANT PAINT



TDS/FX201/020513

Technical Data Sheet

Product Description:

A high performance, high build, solvent based, intumescent fireproofing coating, designed to be used on Steel and Wooden structures, requiring protection from fire hazard. Typically applied on site, **Fire-X 201** 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-proofed steel and 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 and wooden structures in a cellulosic fire. Typical application areas are steel structures, wooden furnitures/ staircase, mobile towers, factories, I section beams, ships, railways, hospitals etc wooden structures in a cellulosic fire. Typical application areas are steel structures, wooden furnitures/ staircase, mobile towers, factories, I section beams, ships, railways, hospitals etc

Physical Properties :

Colour	as per order
Viscosity (B4)	90-95 secs
Solid Content	55%
Specific gravity	1.2+/- 0.03

Thickness:

Thickness of a single coat of **Fire-X 201** is around **40μ.**

Coverage:	Theoretically, 1 ltr of Fire-X 201 covers up to 100-120 sft
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Drying time:	Surface dry 45mins Hard dry 3 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 primed with a recommended anti- corrosive primer in case of steel structures after mild blast cleaning and in case of Wooden structures, this product acts as a self priming coat and finish can be obtained in 2-3 coats, as desired.
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Application:	Fire-X 201 is a one component coating and should be mixed thoroughly with a power agitator . Spray and Brush application is recommended and this product is not designed for Roller or Dip application.
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Clean Up:	All tools, spray guns etc should be cleaned up with solvent after Application of Fire-X 201 .
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Storage:	Typical shelf life of Fire-X 201 is 12 months .
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Disclaimer: The informations given in this data sheet are true to the best of our knowledge and based on our lab trials and should not be purported to be authentic, as the methods and areas of applications differ. The user should conduct his own trials and applications before using. The manufacturer is not responsible for any loss or damage arising out of the use of the product.

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