

Wasser Polymer Pvt. Ltd

# FIRE-X 201 P

## FIRE RETARDANT PAINT



TDS/FX201/020518

### Technical Data Sheet

#### Product Description:

A high performance, high build, water based, intumescent fireproofing coating, designed to be used on Steel, Massonary Wooden structures, Gypsum Boards, False ceilings requiring protection from fire hazard. Typically applied on site, **Fire-X 201 P** 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, false ceilings, mobile towers, factories, I section beams, ships, railways, hospitals etc.

#### Physical Properties :

Colour	.....	<b>Light Beige</b>
Viscosity (B4)	.....	<b>90-95 secs</b>
Solid Content	.....	<b>55%</b>
Specific gravity	.....	<b>1.2+/- 0.03</b>

#### Thickness:

Thickness of a single coat of **Fire-X 201P** is around **150-180µ.**

<b>Coverage:</b>	Theoretically, 1 Kg of <b>Fire-X 201P</b> covers up to <b>40-45 sft</b>
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<b>Drying time:</b>	<b>Surface dry</b> ..... 45mins <b>Hard dry</b> ..... 8 hrs
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<b>Surface preparation:</b>	All surfaces to be coated, should be clean, dry and free from loose particles and contamination. The substrate should be clean and <b>Fire X 201P</b> can be applied directly on steel and wooden surface and it should be overcoated with two coats of <b>Fire-X 201P</b> to achieve the desired protection.
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<b>Application:</b>	<b>Fire-X 201P</b> is a powder based material which should be mixed with water to form a uniform paste by mixing thoroughly with a power agitator. <b>Spray, trowel and Brush application is recommended and this product is not designed for Roller or Dip application.</b>
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<b>Clean Up:</b>	All tools, spray guns etc should be cleaned up with water after Application of <b>Fire-X 201P</b> .
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<b>Storage:</b>	Typical shelf life of <b>Fire-X 201P</b> is <b>24 months</b> .
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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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