Wasser Polymer Pvt. Ltd

FIRE-R 201

FIRE RETARDANT PAINT

TDS/FX201/020513

Technical Data Sheet

Product Description:	A high performance, high build, solvent based, fire retardant coating, designed to be used on Walls, Gypsum Partitions and Wooden structures, Gypsum Boards, False ceilings requiring protection from fire hazard. Typically applied on site, **Fire-R 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 **800ºC for one hour in two coats.**

Recommended Use:	To assist in the preservation of structural integrity of Walls and wooden structures in a cellulosic fire. Typical application areas are concealed or exposed walls, wooden furnitures/ staircase, false ceilings, mobile towers, factories,, ships, railways, hospitals etc wooden structures in a cellulosic fire.

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-R 201** is around **50µ.**

Coverage:	Theoretically, 1 ltr of **FIRE-R 201** covers up to **100-120 sft.**

Drying time:	**Surface dry ..... 45mins** **Hard dry ..... 3 hrs**

Surface preparation:	All surfaces to be coated, should be clean, dry and free from loose particles and contamination. In case of Wooden structures, this product acts as a self priming coat and finish can be obtained in 2-3 coats, as desired.

Application:	**FIRE-R 201** is a one component coating and should be mixed thoroughly with a **power agitator**. Dilution of upto 20% if required should be done only with Wathin 7. **Spray and Brush application is recommended and this product is not designed for Roller or Dip application.**

Clean Up:	All tools, spray guns etc should be cleaned up with Wathin 7 after application of **FIRE-R 201.**

Storage:	Typical shelf life of **FIRE-R 201** is **12 months.**

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