



**1-UP FIRE RETARDING PAINT (SOLVENT BASED)**

The product is specially designed to perform effectively as Fire Retardant Paint.

1-UP FIRE RETARDING PAINT is based on the most effective inorganic pigments & fire retardant Resins & Additives. It is an intumescent fire-resistant paint coating. The binder incorporated in the formulation produces Non-Flammable gases of mineral acids. The melt formulation of the coatings Absorbs heat and that tends to reduce the temperature and at the same time introduces a new barrier between the air and the substrate lowering the rate of combustion.

When exposed to the heat of a fire, these finishes convert to chemically Reactive by products, which retard heat penetration.

PARAMETERS OF THE PRODUCTS: -

HEGMAN GUAGE : READING 4-5  
VISCOSITY : 80-120 SECS. BY FORD CUP # 4 @ 30 C'  
WEIGHT PER/LTR. : 1.3(+/-) 3%KGS.  
COLOUR : AS REQUIRED  
DRYING TIME : SURFACE DRY 1 HOUR  
HARD DRY 16 HOURS  
FINISH : SMOOTH & UNIFORM  
GLOSS : MATT.  
THINNER : KIRAN FRP THINNER

APPLICATION : Area to be applied should be free from dust, grease, loose flakes of paint & concrete, surface should be fully dry & base coat if any applied should be fully cured, it can be over coated on any kind of solvent based coating. After getting desired surface 1-UP FIRE RETARDING paint should be applied with using maximum 5% thinner & at maximum DFT has to be obtained recommended DFT required is minimum 50 microns. For better result it is advisable to use FIRE RETARDER PRIMER as base coat, generally resistance to fire last for 20 to 30 min. to increase the level advisable to apply two or more coats of the paint

**THE ABOVE INFORMATION IS GIVEN IN GOOD FAITH  
CUSTOMER IS ADVISED TO TEST THE MATERIAL BEFORE USE**

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