

VS FIRE-RETARD PAINT

SPECIAL PAINTS

Description

VS FIRE-RETARD is highly specialised water based fire retardant paint, confirming to International Standard, especially designed for applying on wide variety of surface used in major industry. It can be used alone as protective or decorative top coat to provide fire proof surface. These paints are offered in variety of colors and are widely used in different industrial, commercial and domestic areas.

Objective

Normal paint are used to decorate & protect against corrosion, However, regular paints are flammable and help in the spread of a fire even on a non-flammable surface such as steel. Further, fire weakens a structure and can lead to its collapse. Thus the need arises for fire-retardant coatings to prevent the spread of fire and to protect the structure from permanent damage.

Objective

Especially recommended for use on any substrate which must maintain its structural integrity in the event of a fire.

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| 1 | Structural steel | 9 | Concrete Columns |
| 2 | load bearing walls/columns | 10 | Studios / hospitals /food processing industry |
| 3 | Electrical Cabins/ Cable tray | 11 | Computer/Server rooms |
| 4 | Kitchens | 12 | Automobile industries / textile industries/ chemical industries |

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| 5 | Interior Walls | 13 | Junction box/ Switch board |
| 6 | Staircase | 14 | Concealed wood work like frame, above false sealing |
| 7 | Lift room | 15 | Wooden furniture's/ panels /partitions |
| 8 | Doors/ windows | 16 | Paper |

Properties and Advantages

- **Metal;** - Does not allow heat conductivity in metal & Excellent Anticorrosive property
- **Wood;** - Even after prolonged exposure to a fire, FIRETARD coating is not destroyed and continues to shield the wood substrate thereby reducing the spread of fire. (Technically coating melts below flaming temperature and then re-solidifies in to crystalline form of carbon char that acts as a barrier between paper board surface and the flame)
- **Masonry;** - The applied RYOT4 FIRETARD paint does not allow the spread of fire & Reduced tendency to dirt pick up, Resistant to fungus & micro-organism growth
- **Cables;** - Guard the cables / wire from fire and further causing hazard due to electricity mishap, RYOT4 FIRETARD also enhances life of cables/wires.
- Provide excellent bonding & durability to the substrate
- Eco-friendly wall coating; - water based, low VOC & solvent free coating.
- Fast Drying - comparable to many solvent based systems
- Non-Toxic; - Chemical compound is non-toxic and contains no listed carcinogens as published by the E.P.A
- Available in a wide range of attractive colors with exact color matching & color retention property.

Application

VS-FIRE-RETARD must be used in its “undiluted” state. Mix thoroughly before use. Wood to be tested must be untreated, unpainted, clean and dry. Brush, roll or spray both sides of wood sample, if possible, Apply VS-FIRE-RETARD to saturate the wood. Use product in area with adequate ventilation Allow time to dry.

Technical Specifications

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| Finish | Mat finish | Complete curing time | 72 hrs |
| Application method | By brush, Roller or by spray gun | Recommended DFT | 200 microns |
| Surface dry time @ 30°C | 15-20 minutes | Recoat ability | 8 hours |
| Coats required | 2 Coats | Coverage primer | 75 sq. ft. per liter. |

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| Coverage; | 50 sq. ft. per liter per coat | Packaging Details: | 5 & 25 liter |
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NOTE; - Remember to coat all areas, as a single exposed region can compromise the fire-retardant nature of the entire substrate

Cautions;- Store fire retardant out of reach of children. If swallowed, give large quantities of water and call a physician. In case of eye contact, flush thoroughly with water for 15 minutes and call a physician. Use with adequate ventilation. It May be irritating to sensitive skin, after using wash hands thoroughly.

Note

All data in the technical application information given to our customers are examples of indications as to the possible ways of applying our products that are known. to us and that correspond to the present state of our knowledge Due to the numerous possible application variations in industrial practice and the necessary limited number of application examples that have been prepared, this information given without obligation or liability of any kind whatsoever on our part