



SAVIOUR FIRECOAT (FR COATING FOR ELECTRICAL CABLES)

Model No.: FPSAV-FRCEC

Saviour Fire Retardant Coating for Electrical Cables

Preventing fire hazards remains a significant challenge across various industries, residential buildings, and offices, especially in high-rise structures. 'Saviour' Firecoat Cable Coating for wires and cables addresses this challenge with innovative technology that combines water-based compounds and thermoplastic resins. This heavy-duty coating effectively inhibits the spread of flames while maintaining the cable's functionality over an extended period. Additionally, it ensures that the current carrying capacity of the cable remains unaffected.



TECHNICAL SPECIFICATIONS

Drying time	Approximately 30-60 minutes
Covering capacity	2.8 to 3 kgs per square meter with 1.8 to 2mm thickness (DFT).
Ageing	Passes 168 hours at 80°C and 2 hours at 10°C.
Water immersion test	No effect after 360 hours of immersion.
Flash point	Nil
Fire rating	>30 mins as per standard
Packing	20 kg bucket
Complete curing	Passes 168 hours at 80°C and 2 hours at 10°C.

APPLICATIONS

1. Suitable for all industries, buildings, offices, warehouses, and new constructions susceptible to fire hazards.
2. Used in walls, floor cutouts, cable trays, control panels, and other cable-laying areas.

KEY HIGHLIGHTS

1. Composed of a water-based compound with thermoplastic resins, inhibiting fire propagation along horizontal and vertical cable runs.
2. Halogen and asbestos-free, it prevents fire propagation due to internal short circuits and maintains cable functionality without affecting current rating capacity.
3. Mechanically robust, capable of withstanding foot traffic and drop loads, while reducing the emission of corrosive gases/fumes during fires.

CERTIFICATION

- Conforms to BIS:10810 part 53/IEC:332
- Fire Survival: Passes IEC-331
- Fire Retardancy: Passes IEC-332/IEEE-383
- Flexibility/Adhesion: Compliant with IS-101
- Toxicity: Compliant with IEC-754
- Limiting Oxygen Index (LOI): Compliant with ASTM-D 2863.

TEST RESULTS

- Meets applicable standards for flexibility, fire survival, and retardancy.

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DISCLAIMER: Manufacturer will not be responsible for any mishandling and wrong usage of the product shown picture is just for representative purposes only, actual product may differ.