



SAVIOUR FIRE STOP BARRIER (MORTAR)

Model No.: FPSAV-FSM

Saviour Fire Stop Barrier Mortar

In various industries, residential buildings, and offices, as well as particularly in high-rise structures, fire prevention poses a significant challenge. Saviour Firestop Barrier Mortar, also known as fire-stopping, represents a type of passive fire protection utilized to seal openings and joints within fire-resistance-rated wall or floor assemblies. These firestops are engineered to uphold the fireproofing integrity of such assemblies, effectively hindering the spread of fire and smoke. Furthermore, they constitute a fire protection system comprising diverse components tailored for sealing openings and joints in fire-resistant wall or floor assemblies. In the context of penetrating cables, these firestops may also be referred to as Multi Cable Transits (MCTs).



TECHNICAL SPECIFICATIONS

Operating temperature range	-5°C to 40°C, with temperature resistance of -60°C to +60°C, expanding at +300°C.
Density	Approximately 0.6 gm/cm3.
Compressive Strength	Approximately 6-7 N/mm2
Expansion ratio	+300°C: 1.5
Structural details for cable/cable tray/pipe sleeve penetration	Wall thickness: Average 200 mm. Floor thickness: Average 200 mm. Conduits/Pipes/Pipe sleeves materials: GI/PVC.
Shelf-Life:	Minimum 12 months from dispatch date in original unopened packaging.
Drying Time	48 to 72 hours
Curing Time	168 hours
Fire rating	3 hours

KEY HIGHLIGHTS

1. Offers smoke and gas tightness
2. Non-toxic and non-combustible properties
3. Easy to install
4. TMortar Seal for sealing conduits, trenches, wall/floor cut-outs. I style while enjoying corrected vision.

APPLICATIONS

1. Suitable for all industries, buildings, offices, warehouses, susceptible to fire, including new constructions and extensions.
2. Application Areas: Walls, floor cut-outs in buildings/rooms, cable galleries, cable vaults, openings below control panels, wherever cables or cable trays pass through.

CERTIFICATION

- Certified by NABL.
- **Tests Passed:** Fire Rating Test for Three(3) hours with impact test, Accelerated Ageing test, Water absorption test, Vibration Test, and Hose Stream test.
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APPLICABLE STANDARDS

- **Applicable Standards:** Compliant with UL 1479, BIS 12458:1988, ASTM E119 & E814, ISO 834, IS 3809, IEEE 634, tested as per BS 476 part 8 & 20.

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