

## Product Data Sheet

### **FIRESTOP® AK - 325 FIRE RATED MORTAR**

Firestop® Fire Rated Mortar is a specially formulated rapid hardening cementitious mortar compound. the product provides the optimum combination of workability, strength and fire resistance. When mixed with clean water to a suitable consistency, Firestop® Fire Rated Mortar sets without shrinking and can form a rigid, gas tight, fire resistant seal. It can easily be cut or drilled and resealed if future penetrants are needed. No special tools are required to mix or install the product. Firestop® Fire Rated Mortar systems are rated for up to 4 hours and has been tested in accordance with BS: 476 Part 20, ASTM E 814 (UL 1479) test standards.

Firestop® Fire Rated Mortar prevents the spread of fire through cables & cable trays passing through various types of openings like Wall Openings, Floor openings below panels, Vertical & Horizontal Cable Shafts, Cable Trench and other critical & Fire prone areas.

#### **PRODUCT FEATURES & DETAILS:**

1	Physical Form	Coarse & Fine Mortar Powder
2	Standard Packing	PVC Bags - 20 / 25 kg.
3	Dry Bulk Density	700 kg. per cubic meter ± 15%
4	Adhesion to Concrete	Excellent
5	Adhesion to Steel / Cables	Very Good
6	Colour	Grey
7	Pot Life	30 - 60 mins.
8	Set Dry	6-8 Hours
9	Hard Dry	28 days
10	Thickness Required	75 mm - 120 minutes of Fire Rating 150 mm - 240 mins of Fire Rating
11	Property Against Moisture	100% water & moisture proof, product suitable for outdoor applications too
12	Flash Point	NA
13	Toxicity / Hazardous	100% non toxic, non hazardous, asbestos free, environment friendly
14	Mechanical properties	Very Flexible having porous property to lock Air, Smoke & temperature
15	Testing / Codes	Tested along with complete system as per IS:12458, BS: 476 (20) & UL: 1479 (ASTM E814) for 02 & 04 hours by ISO Approved Lab.
16	Shelf Life	1 Year from manufacturing (under prescribed storage conditions).

#### **Application Method**

Kindly contact AEFS for more relevant information

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