

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:

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|----|----------------------------|---|
| 1 | Physical Form | Coarse & Fine Mortar Powder |
| 2 | Standard Packing | PVC Bags - 20 / 25 kg. |
| 3 | Dry Bulk Density | 700 kg. per cubic meter \pm 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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