



# UNIVERSAL ENTERPRISES

PREVENTION | PROTECTION | SAFETY



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## DFSB-K604 Fire Stop Barriers (Mortar-Type) Technical / Material Data Sheet

- Single Component non – combustible system.
- Designed for 3 (three) hour fire rating
- Segregates / compartmentalizes fire and non – fire zones.
- Compatible with all types of cable jacketing material.
- No effect due to vibration, impact and radiation.
- Mechanically strong and can bear drop loads.
- Retrofitting very easy without special tools.
- Conforms to Indian and International standards.
- No imported components. Indigenously developed.
- Maintenance free.
- Asbestos free.
- Expected life > **30 Years.**
- Shelf Life: 12 months

**Practical Locations where it can be used:** 1) Wall / Floor cut – outs in buildings / rooms, where cables / cable trays pass through. 2) Below Panel Openings in control rooms / cable galleries / cable vaults.

**Approximate Quantity Consumption (we supply KF 604 in SQM & Kgs):** For 200mm Thickness: 1 Sq. Meter – 150 – 165 Kgs / Sq. Meter For 100mm Thickness: 1 Sq. Meter – 75 – 90 Kgs / Sq. Meter.

**Tests for certain parameters for Fire Stop Barrier KF 604:**  Fire rating test for 3 (three) hours with impact test, Accelerated Ageing test, Water Absorption test, Vibration test and Hose Stream test.

**Standards Applicable:** As per UL- 1479, IS – 12458, ASTM: E: 119 & 814, ISO – 834, IS – 3809, IEEE – 634, testing procedure as per BS – 476 part 8 & 20.

**Certification:** CBRI – Roorkee

**Packaging:** 25 Kgs Bags



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## Technical Data:

**Fire Rating:** 3 hours.

**Vibration Test:** Passes for 4 hours.

**Rodent / termite:** No effect. Radiation: No effect.

**Effect on cable jacketing material:** None.

**Water Absorption:** No effect.

**Method of Calculation:**

**For 200mm Thickness:**  $L \text{ (m)} \times B \text{ (m)} \times 200/200 = L \times B \times 1 = \text{_____m}^2$

**For 250 mm Thickness:**  $L \times B \times 250/200 = L \times B \times 1.25 = \text{_____m}$