NBS Specification: FIREPRO® High Strength Compound

PRODUCT SUMMARY:
High strength compound for reinstating the fire performance of floor and wall constructions.

PRODUCT GENERAL DESCRIPTION:
HS Firestop Compound is a specially formulated gypsum-based mortar, which is mixed with water to create a workable range from stiff to pourable mix. HS Firestop Compound is also suitable for pre-casting into convenient size blocks for use in wall openings.
Services passing through the High Strength Compound should be treated with a tested fire stopping solution suitable for the specific application.

FEATURES AND BENEFITS:
• Unsupported spans of up to 1800 mm.
• Suitable for use with multiple service penetrations.
• Can be formed into blocks.
• Good acoustic barrier.
• Effective smoke seal.
• Rapid setting.
• High load bearing capacity

APPLICATION:
• Re-instating the fire resistance of wall and floor constructions.
• Load bearing floors.
• Wall penetrations.
• Load bearing seals around unsupported fire dampers.

PRODUCT SPECIFICATION CLAUSE

PRODUCT REFERENCE:
FIREPRO® High Strength Compound

PRODUCT PROPERTIES:
Bag Size: 20kg
Fire resistance: [d] Up to 4 hours. EI120 (EN 1366-3)
Density: [d] 1750–1900 kg/m³
Loadbearing: [d] 2.5 kN/m² UDL
Acoustic performance: [d] Rw 57 dB (100 mm depth)
Maximum unsupported span: [d] 1800 mm
Thermal conductivity: [d] 0.45 W/mK
Setting expansion: [d] 0.1%
Typical yield: [d] ±6 bags/m² at 100 mm depth

STANDARDS AND APPROVALS:
FIREPRO® HS Firestop Compound has been tested for resistance in accordance with BS 476 Part 20 and EN 1366-3.
HS Firestop Compound has been classified as EI 120 in accordance with EN 13501-2.
FIREPRO® Firestop Compound is third party accredited through Certifire.
This product has been authorised for use in LUL surface and sub-surface premises when installed in accordance with the datasheet – please refer to the LUL Approved Product Register website www.LU-apr.co.uk for specific details.

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