
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.

CONTACT DETAILS:

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