

*"The versatile high strength
fire rated compound"*



- *Load bearing to BS 8110, Part 2*
- *Up to 4 hours fire rating to BS 476, Part 20: 1987*
- *Quick setting*
- *Excellent workability*
- *Non shrinking and gas tight*
- *Halogen and Asbestos free*
- *Suitable for restraining fire dampers*

Nullifire[®]
ENHANCING FIRE PROTECTION

For further information please call . . . +44 (0)1203 855000 or fax: +44 (0) 1203 469547

WHAT IS SYSTEM B270 HIGH STRENGTH FIRE STOP COMPOUND?

B270 High Strength Fire Stop Compound is a mixture of carefully graded inorganic reinforcing binders, lightweight aggregates, fillers and special additives formulated to provide excellent fire resistance, combined with high strength and versatile workability. It is used for the sealing of voids around penetrating services where they pass through holes in compartment walls and floors. When installed correctly in concrete floor slab openings, the unique combination of structural properties of B270 enables it to support a load of several tonnes, even across large spans without reinforcement. If only light foot traffic load bearing capability is required, B220 Fire Stop Compound should be used.

WHY USE SYSTEM B270 HIGH STRENGTH FIRE STOP COMPOUND?

- Simple and easy to use – no specialist labour required.
 - Dependable mechanical performance.
 - Easy to install – can be mixed to different consistencies (trowel or pouring) to suit the most suitable method of application.
 - Fire resistance up to 4 hours.
 - Can be used in a variety of load-bearing applications- in accordance with application instructions.
 - Will provide a non shrinking, gas tight seal.
 - Versatile – additional services can be routed through existing barriers, and reinstated with additional system B270 High Strength Fire Stop Compound.
 - Application – can be used in floor or wall openings, with cables, pipes or ducts.
 - Supplied in 20 kg bags for ease of handling.
 - Safe to use – contains no asbestos or halogens.
 - Maintenance free – it requires no maintenance once in place.
 - Fully tested in independent laboratories on a range of cable, pipe and duct sizes.
-resulting in a quality assured installation.

WHERE IS SYSTEM B270 HIGH STRENGTH FIRE STOP COMPOUND USED?

Power Stations: Cable risers and service shafts, switching rooms, cooling and exhaust pipes and surround to fire dampers.

General Construction: Wet & Dry Risers. Cable and pipe penetration seals.

Pharmaceutical / Process: Heavy duty cable runs, ducting systems and process pipes.

Plant Rooms (Including external walls): Exhaust pipes and electrical transmission cables and ducts.

Petrochemical: Seals around electrical feedstock controls, telemetry systems and active fire suppression systems.

Transportation: Airport and Railway Tunnels and service risers.

Infrastructures: Seals around HVAC / Smoke extraction and control cable systems.

HOW DOES SYSTEM B270 HIGH STRENGTH FIRE STOP COMPOUND WORK?

Special fillers within the compound swell when mixed with water, causing the mix to expand thereby helping to ensure that the mix creates a gas tight fit with the contact surfaces. The special reinforced composition resists shrinkage, cracking or spalling in the fire and the lightweight fillers.

HOW TO SPECIFY SYSTEM B270 HIGH STRENGTH FIRE STOP COMPOUND?

"Install Nullifire System B270 High Strength Fire Stop Compound to provide (1,2,3 or 4)...hours penetration seal to all openings. Installation to be fully in accordance with manufacturers instructions."

Additional reinforcement may be required depending upon structural requirements which should be verified by an engineer. Contact Nullifire for advice.

Note:

For site conditions; Installation and any limitations in the use of B270, please refer to the installation instructions.

COMPLEMENTARY PRODUCT

If you require a fire stop compound which is load bearing to only light foot traffic, specify B220 Fire Stop Compound.

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For Further Information on System B270 High Strength Fire Stop Compound Please Contact



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