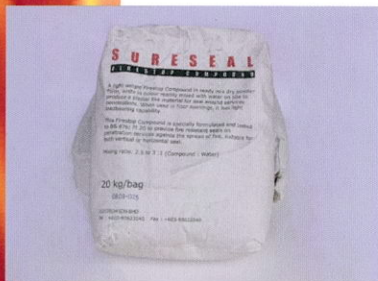


SURESEAL™
FIRESTOP SYSTEMS



Product Description :

A lightweight pre-mixed gypsum based Firestop Compound in dry powder form, readily mixed with water on site to produce a plaster like material for seal around services penetrations.

Application :

Firestop Compound is used to provide a fire rated seal around service penetrations in fire rated walls and floors. Penetration services include steel pipe, cables, cable tray and trunking.

Features :

- Lightweight.
- Quick setting.
- Non-shrinking.
- Can be drilled for post installation services.
- Easy Application.

Characteristics :

Colour : White Or Red.

Shelf Life : ±12 months store at 5°C to 30°C.

Compressive Strength : 6.5N/mm² to BS EN 12390-3:2002.

Density : 1120Kg/m³ to BS EN 12390-7:2002.

Installation :

Prepare form work or use 50mm thick 120kg/m³ mineral wool as shuttering panel fitted between services and the floor slab. Mixed the Firestop Compound with water to a ratio (water:compound) of 1.5:2 for wall and 1:1 for floor to produce a plaster like mortar. Pour around the service penetrations to the thickness required. The setting time will vary from between half to an hour, depending on the ratio mix.

The coverage of compound is approximately 0.25m²/bag of 75mm thick seal and 0.6m²/bag for 35mm thick seal with 50mm thick mineral wool as shuttering panel.

Thickness	Installation with 50mm thick 120Kg/m ³ mineral Wool	Installation without mineral wool
2hrs Rating	40 mm	75 mm
4hrs Rating	50 mm	100 mm

Tested to :

BS476 Pt 20:1987 up to 4 hours.

Packing:

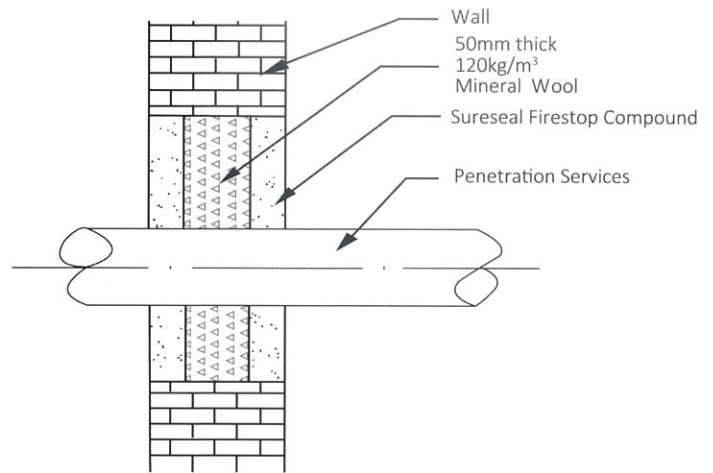
Ready mixed supplied in 20kg/bag.
49 bags/pallet.



Installation Type 1 (Wall)

Use 50mm thick 120kg/m³ mineral wool as shuttering panel, install in the centre of the wall. Mix the firestop compound with water. It is always preferable to use a "concentrated" mix for wall opening. As a guide, "concentrated" mix of 1.5:2 (water : compound) is recommended. Add 20mm thick of firestop compound to both sides of the mineral wool for 2 hours fire rating. The setting time will vary from half to an hour, depending on the ratio mix.

*For one-sided access, overall compound thickness will be 40mm



SureSeal Firestop Compound

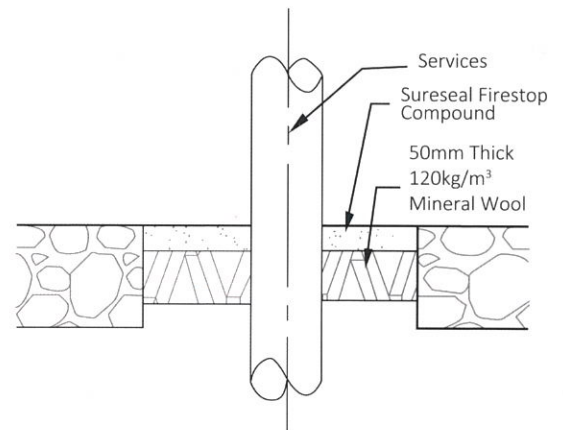
With 50mm thick 120kg/m³ mineral wool

Installation Type 2

Use 50mm thick 120kg/m³ mineral wool as shuttering panel fitted between services and the floor slab. Mix the Firestop Compound with water to a ratio (water:compound) of 1.5:2 for wall and 1:1 for floor to produce a plaster like mortar. Pour around the service penetrations to the thickness required. The setting time will vary from half to an hour, depending on the ratio mix. Mineral wool shuttering panel shall not be removed as it forms part of the fire resistance system.

Note:

Not recommended for floor opening subjected to traffic.



SureSeal Firestop Compound

With 50mm thick 120kg/m³ mineral wool



Project Reference (Singapore)

Mixed Development

South Beach Development
Duo Residences
Marina One
Watertown
Hillion Residences
Asia Square Tower

Residential

J - Gateway
D' Leedon
D' Nest
Hamilton Scotts
Skysuites @ Anson
The Vision

Education

Overseas Family School
Singapore of Management University
National University of Singapore
Nanyang Technological University
Temasek Polytechnic

Health

Jurong Hospital
Yishun Community Hospital
Changi General Hospital
NUH Oral Health

Hotel

Mercure Singapore
Oasis Hotel
Farrer Park Hotel

Distributor: