

KM-FF 108

FIRE FIGHTING GRAPHITIC GASKET SYSTEM FOR CROSSING HOLES AND BUILDING JOINTS



GENERALITY

The system is made up of a graphitic fire resistant intumescent material, to seal small crossing holes of a cable bundle. Suitable for cracks and to seal gaps of 30 mm between air-conditioned tubes and/or steel pipes and the crossed walls; to seal building joints and cracks between walls and concrete slabs compartment.

DESCRIPTION

Fire fighting graphitic sponge KM-FF108.
Silicone fire-resistant putty KM SEALER F.

FUNCTIONALITY

Crossing of a cable bundle through a small circular hole. Roll the sponge KM-FF108 around the cables bundle until the hole is filled and seal both sides of the hole with fire-fighting putty KM SEALER F.

Crossing of an air conditioned duct or metal pipe, with free small space to be sealed (< 30 mm). Insert the sponge KM-FF108 and fill the free space between wall and plant, seal with fire-fighting putty KM SEALER F.

Sealing of a building joint and/or a crack between wall and concrete slab. Insert the sponge KM-FF108 and fill the gap. Seal with fire-fighting putty KM SEALER F.

CERTIFICATIONS

- According to European Standard UNI-EN 1366-3, EI 180 on masonry walls.
- According to European Standard UNI-EN 1366-3 EI 120 on plasterboard walls.

FEATURES

KM-FF108 is a graphitic intumescent material, available in workable strips, gasket, suitable for the fire protection of elements.

TRADE TYPES:

KM-FF108, in strips to protect cracks and cable bundles

KM-FF108G, gaskets to protect steel pipes

KM-FF108GE, fire fighting strips for building joints

APPLICATION

Supplied in strips for the protection of metal components and cable bundles; in defined diameter gaskets for the fire protection of steel piping.

The product is easily cut with a knife.

To seal small holes for cables and/or pipes, holes for electrical and mechanical plant with gaps of 30-50 mm between the system and wall.

To seal the free space of the compartment to a maximum depth of 50 mm on both sides with graphic intumescent sponge KM-FF108 and seal with fire-proofing putty KM SEALER F.

TECHNICAL DATA

Colour:	dark grey
Density:	225 kg/m ³
Free expansion:	2 times at 450°C in 15 min
Pressure:	5 bar at 400 °C
Flashpoint:	non-flammable
Reaction temperature:	250°C
Compressibility:	up to 50%
Dangerous reactions:	none observed
Storage:	inside room not exposed to water and moisture
Transport:	no restrictions on land no restrictions ICAO/IATA-DGR (not in direct contact with edible products)

FURTHER INFORMATION

It does not require any precautionary measures for its use and handling

Acute effects to exposure: none

Classification and labeling: the material does not require any special labeling

Warnings: none

Safety advice: none