

KM-FPB

FIRE RESISTANT BAG SYSTEM FOR CABLES RACEWAYS



GENERALITY

KM-FPB are fire-resistant bags to seal cable raceways. Allow easy and quick removal, addition and replacement operations of electric cables. The bags can be removed and replaced on site with ease.

DESCRIPTION

The wrapper of the bags is made up of a fireproof mineral fibre textile, filled with a compound of basaltic rock fibres with thermo-expanding additives that under the effect of heat increase in volume, sealing every crack.

FUNCTIONALITY

The passive barrier is made up of KM-FPB bags placed inside the crossing and inside the blank of cable raceways.

The material within the bags expands under heat, moulding in a mass which seals any crack in the compartment against gases, smoke and fire.

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 - FPB is a fire-resistant bag made up of a fireproof mineral fibre textile wrapper, filled with inorganic fibres and graphitic intumescent agents.

The bag has a good moisture resistance, good water and chemical agents resistance; it also resists mould and bacterium; non-hygroscopic and very stable to temperature.

USE

For passive fire protection barriers, to seal crossings holes in fire resistant structural compartments.

APPLICATION

Easy to use, to compress as much as possible every tier of bags, trying to close any gap. Easy to remove and install again for the modification of the system.

To seal the empty space of cable raceways.

TECHNICAL DATA

Colour:	grey
External covering:	fireproof mineral fibre textile wrapper
Specific weight:	450 kg/m ³
Flashpoint:	non-flammable
Supplied in:	bag
Dimensions:	340/240/200/120x200x30 mm,
Packaging:	boxes unlimited, if stored in its original packaging at room temperature, away from moisture

APPLICATION AMOUNT: to make E1180 passive barriers, to seal crossing holes using bags with 200 mm side.

The right quantity of bags is a number of bags to seal the free space increased by 10%.

FURTHER INFORMATION

KM - FPB does not require any precautionary measures both for handling and using.

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

Danger symbols and indications: none.

Warnings: none.

Safety advice: none.