

Firestop pillows for cable trays

**AF BAGS** are firestop pillows for electrical system penetrations which seal cable, tunnel and other openings that connect different rooms.

**AF BAGS** are recommended when frequent systems maintenance or modification is required. They can be easily removed and re-positioned once the work has been carried out.

**AF BAGS** consist of a non-combustible glass fibre casing, treated with a special polyurethane product containing intumescent granular material, thermal insulating aggregates and products which gradually release water. The **AF BAGS** expand as the temperature rises (over 180°C). As the heat increases, they modify their physical structure and simultaneously release water vapour and absorb energy. As a result of the heat, the swollen internal structure solidifies, creating a highly insulating cell structure.

CHARACTERISTICS

- **AF BAGS** do not suffer damage from water or humidity;
- They are rot-proof and mould and bacteria resistant;
- They are suitable for any environment and do not contain harmful materials or fibres.

FIELD OF APPLICATION

**AF BAGS** are used to protect against fire the walls and floors passed though by cables placed on cable trays.

AVAILABLE SIZES

AF BAGS 100	100X120X25 mm
AF BAGS 150	150X120X30 mm
AF BAGS 200	200X120X30 mm
AF BAGS 250	250X120X35 mm
AF BAGS 300	300X120X35 mm

APPLICATION METHOD:

1. measure the width of the cable tray and choose the number and size of fire-stop pillows accordingly to completely seal the opening. For the calculation, consider that the certified side measure is 120 mm (wall thickness).
2. place the intumescent pillows inside the cable tray. Position them with the 120/200 mm certified side parallel to the wall until the cable tray is completely obstructed.
3. seal any remaining space between the opening and the cable tray with **AF SEAL W** firestop sealant.

PACKAGING AND STORAGE

Cardboard boxes.

If the product is stored under standard conditions, there is no storage time limit.

SPECIFICATIONS

Supply and application of **AF BAGS** firestop pillows. The outer layer is made of 200 g/m2 non-combustible fibreglass treated with a polyurethane resin containing intumescent granular material, thermal insulating aggregates and products that gradually release water. They are used for EI 120/EI 180 protection of wall and floor electrical cable penetrations in cable trays and on a double rock wool **AF PANEL** e sealant **AF SEAL W**.

CERTIFICATIONS

- |                              |                                   |
|------------------------------|-----------------------------------|
| Class EI 120 (UNI EN 1366-3) | Plasterboard self-supporting wall |
| Class EI 120 (UNI EN 1366-3) | Sandwich wall                     |

