

KM-FD 2000

FIRE RESISTANT VENTILATION GRILLE



GENERALITY

KM – FD2000 is a fire proofing ventilation grille to preserve the air inlet and outlet area in compartment structures or as an alternative to a fire fighting air lock in conditioned air plants.

DESCRIPTION

The KM – FD2000 grille is made up of a calcium silicate frame, the fins are covered on both sides with KM-FF107 thermo-expandable strips.

FUNCTIONALITY

The grille is put in the hole of the wall or the door and fixed with fireproofing KM SEALER F putty. The grille can also be inserted into the air duct as an alternative to a fire fighting air lock. In case of fire or hot smokes, the intumescent strips expand and seal the grille.

CERTIFICATIONS

- According to European Standard UNI-EN 1366-3 EI 60/E90 on plasterboard walls.

FEATURES

KM-FD2000 is a fire fighting grille to protect the ventilation windows in walls, doors or ducts and in replacement of fire-fighting airlocks.

The frame is made up of calcium silicate. The grills are covered with graphitic intumescent strips KM-FF107.

APPLICATION

The grille can be inserted inside the duct and fixed with self-tapping screws or KM SEALER F fire-proofing putty.

Any gaps between grille and the support element can be sealed with silicone-based fire-proofing putty KM SEALER F.

Square grilles are put in circular section ducts and the empty area of the circular cross-section is sealed with graphitic intumescent sponge KM-FF108, sealed with silicone fire-proofing KM SEALER F putty.

TECHNICAL DATA

Dimensions:	on request axb
Thickness:	60 mm
Reaction temperature:	150°C
Toxic fumes emission:	none
Storage:	not exposed to bad weather
Transport:	no restrictions on land no restrictions ICAO/IATA-DGR

FURTHER INFORMATION

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

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

Danger symbols and indications: none.

Warnings: none.

Safety advice: none.