

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 grilles 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 a x b
Thickness:	60 mm
Reaction temperature:	250°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 labelling:	the material does not require any special labelling.
Danger symbols and indications:	none.
Warnings:	none.
Safety advice:	none.