

KM-CGS **KM-CGSQ BOX** **FIRE RESISTANT GASKET**



GENERALITY

The system consists of a preformed fire-resistant graphitic intumescent fibre sheet **KM-FF107**. In case of fire, the material expands and protects the boxes for electrical installations.

SIZE

Preformed fire-resistant graphitic intumescent fibre sheet

- **KM-CGS** 145x145 mm, 2 mm thick.
- **KM-CGS** 210x145 mm, 2 mm thick.
- **KM-CGSQ BOX** 400x300 mm, 2 mm thick.

FUNCTIONALITY

The adhesive preformed sheet is applied to protect the sides and the back of the box or junction box. The seal protects against fire and replaces the plasterboard removed to make the hole of boxes or junction boxes.

FEATURES

KM-CGS/CGSQ Box is a graphitic intumescent preformed sheet for the fire protection of boxes or junction boxes for electrical installations.

APPLICATION

Supplied in sheets of fixed size for the fire protection of electrical appliances. The preformed sheets have a 45° cut on the four corners. Remove the protective film from the adhesive side and apply the gasket on the rear side of the box. Fold the edges of the gasket so that it sticks on the sides of the box. Make the holes for corrugated electrical pipes with a cutter. Introduce the protected box in the hole on the plasterboard wall.

CERTIFICATIONS

- According to European Standard UNI-EN 1366-3 EI 120-EI 60/E 90 on plasterboard walls.

TECHNICAL DATA

Colour:	dark grey
Density:	225 kg/m ³
Sizes:	400x300/210x145/145x145 mm
Thickness:	1.8 mm
Free expansion:	5 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
Warnins:	none
Safety advice:	none