

KM SEALER 2GE

FIRE RESISTANT STRIP
FOR BUILDING JOINTS



GENERALITY

KM SEALER 2GE is a fire-resistant strip suitable to ensure the fire and smoke resistance in cracks for building joints in walls and concrete slabs.

DESCRIPTION

KM SEALER 2GE is made up of a mineral fibre wool insert with graphitic thermo-expandable gasket KM-FF107. The strip is 52 mm thick; to seal structural joints in wall and concrete slabs up to 350 mm.

FUNCTIONALITY

The strip is inserted, compressing it, into the opening of building joint. The thermo-expandable gasket must be in contact with one of the two sides of the joint. If necessary, the strip can be sealed with fire-proofing putty **KM SEALER F**. In case of fire, the intumescent gasket expands, clinging to the fibres of the strip, sealing the joint.

CERTIFICATIONS. • According to European standard UNI-EN 1366-3, EI 180 on masonry walls.

FEATURES

KM SEALER 2GE is a high resistant temperature and thermo-expanding strip building expansion joints. It is made up of a volcanic rock mineral fibre strip, covered on one side with a graphitic intumescent material KM-FF107. Compressible up to 50% of its original thickness.

APPLICATION

To seal cracks in expansion joints in fire-resistant compartment structures: walls and concrete slabs.

The strip has excellent elasticity, excellent adhesiveness on many materials such as concrete, plaster, gypsum, masonry and metal.

TECHNICAL DATA

Colour:	dark grey covered side/yellow fibre strip
External covering:	wrapping of ends with KM-ALU
Specific weight:	100 kg/m ³ fibre strip 630 kg/ m ³ intumescent gasket KM-FF107
Free expansion:	at 400°C in 15 min.
Reaction onset:	at 200°C
Pressure:	14 bar at 400°C
Flash point:	non- flammable
Dimensions:	1000X100X... mm,
Packaging:	in boxes/pallet unlimited, if stored in original packaging at room temperature, a way from moisture

APPLICATION

Easy to use, should be installed slightly compressing for the entire length and inserted into the joint, where it remains fixed by exploiting the return expansion. The graphitic intumescent gasket KM-FF107 should be placed against the wall or slab.

JOINT WIDTH	30	2GE52(52)
	60	2GE77(52+25)
	100	2GE129(2X 52+25)
	130	2GE156(3x52)
	190	2GE208(4x52)
	250	2GE260(5x52)

FURTHER INFORMATION

It does not require any precautionary measures for use.

Classification and labeling:	the mixture does not require any special labeling.
Danger symbols and indications:	none.
Warnings:	none.
Safety advice:	none.