

## KM SEALER 2GE FIRE RESISTANT STRIP



### 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 250 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.

### 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.

### CERTIFICATIONS

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

## TECHNICAL DATA

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

<b>JOINT WIDTH</b>	20÷40	mm	2GE52(52)
	45÷60	mm	2GE77(52+25)
	65÷90	mm	2GE104(52+52)
	95÷140	mm	2GE156(3x52)
	145÷175	mm	2GE181(3x52+25)
	180÷200	mm	2GE208(4x52)
	220÷260	mm	2GE260(5x52)

## FURTHER INFORMATION

<b>Classification and labelling:</b>	It does not require any precautionary measures for use the mixture does not require any special labelling
<b>Danger symbols and indications:</b>	none
<b>Warnings:</b>	none
<b>Safety advice:</b>	none