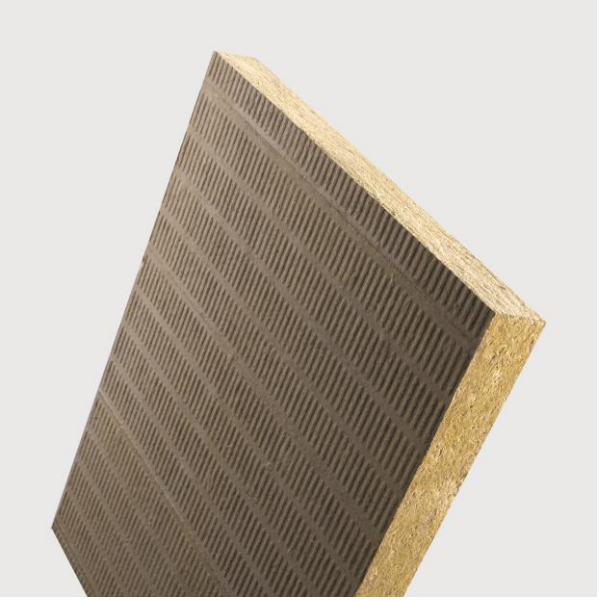
DATA SHEET



MINERAL FIBRE PANEL SYSTEM
KM BOARD V1

GENERALITY
The **KM BOARD V1** system is made up of biosoluble mineral fibre panels covered with fire-resistant material on one side, duly sealed with fire resistant putty **KM SEALER F.** They ensure a fire proofing seal of technological systems, such as air ducts, water pipes and cable raceways.

DESCRIPTION
KM BOARD V1 biosoluble mineral fibre panel, 150 kg/cm density, 60 mm thickness, with fire-resistant coating on one side. KM SEALER F fire resistant putty.

FUNCTIONALITY
The passive fire-resistant barrier seals the crossing hole of plants. It consists of two KM BOARD V1 panels, setup back-to-back with the coated sides outwards.

- **EI180** on masonry walls.
- **EI120** on plasterboard walls.

CERTIFICATIONS
According to European Standard UNI-EN 1366-3 EI 180 on masonry walls.
According to European Standard UNI-EN 1366-3 EI 120 on plasterboard walls.
CE Certicicate of Costancy of Performance n. 051-CPR-223.0-01 FIW-München-D., according to Products Norm EN13162-2012+A1-2015 – Harmonised Standard for Ce marking of mineral fibre products, Rule of Construction Products (UE)305/2011.
DoP n. GE-20191-002
EUCEB Mark (European Certification Board for Mineral Wool Products according to Q note European Directive n. 97/69/CE

FEATURES
"KM BOARD V1" is a volcanic rock fibre panel compressed with special thermosetting resins, high density, self-supporting, surface covered with a grey sodium silicate intumescent coating.
The covered panel has excellent resistance to moisture and condensate; good water resistance; is resistant to chemical agents; rot-proof, mildew and bacterium proofing and bacteria; not hygroscopic and is very stable at high temperatures.

APPLICATION

To make passive fire barriers, the plugging of crossing gaps, in compartment elements with defined fire resistance. Suitable for thermal and acoustic insulation of flat surfaces, characterized by high temperatures and the presence of mechanical vibrations.

TECHNICAL DATA

Colour:	covered surface grey/panel yellow	
Surface covered:	sodium silicate intumescent coating	
Specific weight:	150 kg/m³	
Flashpoint:	non-flammable	
Reaction to fire:	non-combustible in accordance with the regulation (Class A1)	
Operating temperature:	750ºC continuous /800ºC peak (untreated panels)	
Thermal resistance:	0.039 λ at 50ºC, 0.050 λ at 150ºC, 0.065 λ at 250 ºC, 0.087 λ at 350ºC	
Bend radius:	3000 mm	
Supplied in:	flat sheets	
Dimensions:	KM BOARD V1 Panel	1200x600 mm, thickness 60 mm
	KM SEALER F Putty	310 ml (cartridge)
Packaging:	boxes of 4 panels	
Storage:	Unlimited, if stored in original packaging at room temperature, away from moisture	

APPLICATION

Easy to use and to install, non-polluting, can be easily cut and shaped according to any operational need with serrated blade; the panel is self-supporting, so it fits the shape and geometry of the various sections to be sealed.

APPLICATION AMOUNT

To make passive barriers, to seal openings in partitioning elements "EI 180"; the barrier involves the use of two panels coupled with an overall thickness of at least 120 mm; 4 panels are required to completely seal an opening with a cross section of 1 m²; the material consumption is reduced based on the volume occupied by the plants, which crosses the opening to be sealed.
The required amount of material depends on the free area to be seal.

FURTHER INFORMATION

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

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