

PENOSIL

TECHNICAL DATA SHEET

PENOSIL FireStop FiberFoc 470

Fire resistant mineral wool cord

PENOSIL FireStop FiberFoc 470 is a mineral wool fiber rope wrapped in fibreglass.

Main benefits

- High temperature resistance
- Good resistance to bases and solvents
- Easy to apply
- Low VOC emissions
- Suitable for fire protection applications, used alone or in combination with other protective systems

Fields of application

- Sealing of fire-resistant joints
- Fire-resistant sealing of horizontal and vertical joints in concrete structures

Technical classifications and certificates

- French VOC-emission class A+
- PV CSTB according to NF EN 13501-2
- Fire classification
 - EI 240 – H – M020 – B – W15 to 180
 - EI 240 – V – M020 – B – W15 to 180
 - EI 240 – T – M020 – B – W15 to 180



Package

Diameter of the backer rod	Meters in roll
Ø15 mm	50
Ø20 mm	30
Ø30 mm	30
Ø40 mm	30
Ø60 mm	25

For other diameters please contact sales.

Storage conditions and shelf life

Store in a dry and cool place and keep away from all sources of heat and direct sunlight.

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Technical data

Properties	Value	Unit
Density	ca. 220	kg/m ³
Fusion point	1200	°C
Softening of wool fiber	750	°C
Glass softening	710	°C
Temperature resistance	-40...+710	°C

The parameters indicated have been measured at +23 °C and 50% relative air humidity.

Application instructions

Application method

Surfaces must be clean and dry, free from dust, loose particles, and oil.

The diameter of the backer rod should be approximately 20% larger than the joint width. Install the backer rod so that it provides the sealant with the correct depth and shape.

During installation, ensure that the surface of the backing material is not damaged. The backer rod should not be excessively stretched or compressed.

If priming of the joint edges is required, it must be carried out before installing the backer rod.

Note: The instructions in the present documentation are based on tests carried out by the manufacturer and are presented in good faith. Due to variations in materials and substrates as well as the various application possibilities that are beyond our control, the manufacturer is not liable for the results achieved. In any case, it is recommended to test the product suitability at the place of application. Manufacturer reserves the right to modify products without prior notice. This TDS replaces and supersedes all previous data sheets on the same product.

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