

FP Backing

Sealing material for fire protection

Technical Sheet

01/2024



Material

FP Backing is a flexible alkaline earth silicate wool heat-resistant material that can be used for a long time at temperatures up to +1000 °C as it does not lose its properties and does not melt or evaporate.

Storage

Store in a dry place on wooden pallets in unopened original packaging. Storage temperature from +5 °C to +30 °C.

Quality assurance

The product is subject to continuous control of the production process.

Application

FP Backing sealing material is designed for use in fireproof seals together with Knauf FPG Graphite, Knauf FPA Acrylic, Knauf FPP Polymer fire protection sealants, as well as Knauf FPM Mortar fire protection mortar.

It is an excellent alternative to stone wool sealing material as FP Backing is flexible and easily adaptable to most applications. The sealing material has low thermal conductivity, is inert to most chemical reagents, resistant to organic and mineral acids, weak alkali, water and high-pressure steam. The sealing material also provides sound insulation.

Features and benefits

- Exceptional chemical stability
- Excellent heat resistance
- Low thermal conductivity
- Excellent insulation properties
- Good sound insulation
- Flexible and easily adaptable to most applications
- Completely inert to most chemical reagents
- User-friendly, free of hazardous chemicals
- Unlimited shelf life
- For indoor work

Processing

The opening must be dry, clean, and free of dust.

The opening is filled with FP Backing sealing material to the required depth, then, one of the fire protection sealants – Knauf FPA Acrylic, Knauf FPG Graphite, Knauf FPP Polymer or Knauf FPM Mortar – is applied over it.

Processing is to be carried out in accordance with the installation instructions:

- Knauf FPG Graphite E501g.lv-A01,
- Knauf FPA Acrylic E501e.lv-A01,
- Knauf FPP Polymer E501f.lv-A01,
- Knauf FPM Mortar P921a.lv-A01.

Temperature/climate

The air and base temperatures during processing and curing must be between +5 °C and +30 °C.

Other instructions

This technical sheet defines the scope of use of the material and the recommended work to be carried out, but it cannot replace the skill of the contractor. In addition to these recommendations, the work must be carried out in accordance with the requirements of the construction work. The manufacturer guarantees the quality of the product, but has no influence over how and under what conditions it is used. If in doubt, a trial application should be carried out. This technical data sheet supersedes previous editions of technical sheets.

Occupational safety and waste collection

Waste identification class: 170604 (see material safety data sheet).

Technical data

Designation	Unit	Value / Size
Density	kg/m ³	128
Thermal conductivity	W/m·K	0.036
Temperature resistance	°C	to +1100
Application temperature	°C	+5 to +30
Colour	-	white

Delivery programme

Title	Packaging	Art. Nr.	EAN code
Knauf FP Backing	25 x 48 x 600, 15 pcs per box	00651099	5902367204549

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Manufacturer: SIA Knauf