

TECHNICAL DATA SHEET

Heat-resistant silicone sealant

FOME FLEX KAMIN 1500 °C



Description

Silicate based sealant for high temperature applications. Used for crack insulation and filling. It is applied comfortably and evenly. After heating, the mass will become dark gray, extremely hard and will withstand extreme temperatures (up to +1500 °C for a short time). Suitable for working with natural stones.

Advantages

- Temperature resistance up to +1500 °C.
- Durable seam, hardness 90 according to Shore A.
- Film formation 3-4 minutes.

Areas of application

- Insulation and sealing work requiring heat resistance.
- Insulation and crack sealing of chimneys, stoves, fireplaces and stoves, suitable for sealing soot doors.
- Adheres to metal, stone, brick and concrete substrates.

Instructions for use

The surfaces must be clean and degreased. Non-porous surfaces should be cleaned with solvent and a clean, cotton cloth. Very porous surfaces need to be lightly moistened. After application, level the surface with a rubber or silicone putty and remove material residues. In some cases, it is more convenient to use a plaster trowel. After final curing, heat the sealant slowly to +250 °C. When heated, the mass will turn dark gray and become extremely hard. Operating temperature from +5 °C to +40 °C. Use a cloth moistened with water to clean unhardened sealant. Hardened sealant can only be removed mechanically.

Limitations

Be careful with any contact with metal, as metal moves with temperature, sealant does not. Not suitable for moving joints and in contact with materials that expand or contract under the influence of temperature. Unheated product is not waterproof and will spill at the joint.

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Technical data

Indicator	Units	Value
Color		Black
Film formation	Min.	5-20
Curing speed	mm/24 h	2-3
Density (DIN 53 479-B)	g/cm ³	1.94
Hardness (Shore A) (ISO 868)		90
Seam mobility (ISO 11 600)	%	+−0
Temperature resistance after curing	°C	Short term up to +1500

The specified parameters were measured at a temperature of +23 °C and a relative humidity of 50%.

Storage conditions

Guaranteed storage time - 18 months from the date of manufacture, if stored in closed original packaging in a dry and cool place between +5 °C and +25 °C.
During transport, it does not take long to reach -5 °C.

Package

300 ml plastic cartridge, 12 cartridges in a box.

Safety instructions

It is necessary to familiarize yourself with the safety data sheets of the product before use. Safety data sheets are available on request from official distributors.

Waste management

Empty the packaging completely and dispose of it according to the requirements.