

Version 1

TECHNICAL DATASHEET

Fome Flex Kamin

Silicate based sealant for high-temperature applications. Insulation and filling of cracks. Outstandingly workable and smoothable. As the result of heating, the mass will turn dark grey, extra hard and withstands temperatures of up to +1500 °C. Suitable on natural stones.

Field of applications

Insulation and sealing works requiring heat-resistance. Insulation of joints and filling of cracks in chimneys, ovens, fireplaces and stoves.

Adheres to metal, stone, brick and concrete substrates. Exercise care during any contact with metal, since metal moves when exposed to temperature whereas sealant does not.

Application conditions

Application temperature between +5 °C and +40 °C. The surfaces must be clean from dust, loose particles and oil. Non-porous surfaces should be cleaned with solvent and a clean, non-fluffy cotton cloth. Solvent rests should be removed before evaporating with the clean cloth. Porous surfaces should be moistened. After the final solidification, slowly heat the sealant up to +250 °C to avoid the emergence of air bubbles when water evaporates. As the result of heating, the mass will turn dark grey and become extra-hard. Not suitable in moving joints and in contact with materials that expand or contract when exposed to temperature. Unheated product is not water proof and will spread in a wide joint. Cannot be painted.

Application instructions

The surfaces must be clean from dust, loose particles and oil. Non-porous surfaces should be cleaned with solvent and a clean, non-fluffy cotton cloth. Solvent rests should be removed before evaporating with the clean cloth. Very porous surfaces should be previously slightly moistened.

Cut off the threaded end of the cartridge and screw on the application nozzle for directing sealant. Cut the threaded end in a way where a suitable opening for application is produced. Place the cartridge together with the applicator in the gun and fill the installation nozzle with sealant, by repeatedly pressing the gun trigger.

Apply sealant in the joint by repeatedly and evenly pressing on gun trigger and smoothly dragging the nozzle along the joint. After application, smooth the surface with a rubber silicone scraper or putty knife and remove excess material.

After the final solidification, slowly heat the sealant up to +250 °C to avoid the emergence of air bubbles when water evaporates. As the result of heating, the mass will turn dark grey and become extra-hard.

Cleaning

Uncured sealant, use a cloth dampened with water. Cured sealant can be removed mechanically only.

Technical data

Properties	Unit	Value
Skin forming time	minute	3-4
Curing time	mm/24 h	1-2

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Density (DIN 53 479-B)	g/cm ³	2,04
Properties of cured sealant		
Hardness (Shore A) (ISO 868)		before heating 75±5
Movement of the joint (ISO 11 600)	%	± 0
Temperature resistance after curing	°C	up to +1500

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

Colour

Black.

Package

310 ml cartridge, 12 pcs in a box.

Storage conditions

Guaranteed storage time 12 months starting from the date of manufacture if stored in a closed original package in a dry place between +5 °C and +30 °C.

During transport for short periods at up to -5 °C.

Do not store near open flames or active heat source.

Safety regulations

Ensure sufficient ventilation during application. Keep out of the reach of children. Avoid contact with skin and eyes. In case of contact with eyes, rinse immediately with water and seek medical advice.

Cured sealant can be handled without any danger to health.

Detailed safety information is available on safety data sheet (SDS).