

TECHNICAL DATASHEET

FIREPLACE SEALANT 36-429

Fireplace sealant is a refractory cement for permanent repairing and filling of cracks, joints and fissures in fireplaces, stoves, burners and chimneys. An addition of glass fibres causes creation of a strong fume-gas-tight cement layer which doesn't expand or contract. Fireplace sealant has very good adhesion to metal, brick and concrete. It's not suitable for central heating systems or gas installations.

BENEFITS

- **Heat resistant up to +1500°C**
- **Fireproof and permanent seal: chimneys, stoves and fireplaces**
- **Good adhesion to metal, brick and concrete**
- **Asbestos-free**

TYPICAL APPLICATIONS

- sealing of fireplace interiors
- fitting of fireplaces, stoves, barbecues, grills etc.
- repairs and sealing of cracks, seams, and joints in fireplaces, stoves and chimneys

ADHESION SURFACE

Surface	Adhesion
brick	+
concrete	+
granite	+
sandstone	+
marble	+/-
stainless steel	+/-
cooper	+/-
aluminium	+/-
cast iron	+/-
glass	+
galvanized steel (zinc plate)	+/-
clinker roof tile	+

+ good adhesion

+/- adhesive partially detach

- weak adhesion

CHEMICAL RESISTANCE

	Resistance
water	- not recommended for continuous immersion
brine water (NaCl 2%)	N/A
swimming pool water	N/A
petrol, motor oil, olive oil	N/A
diluted acid organic	N/A
diluted acid no organic	N/A
diluted basic/alkalis	N/A

+ good resistance

- weak resistance

N/A not analyzed

TECHNICAL DATA

As supplied - tested at 23°C and 50% relative humidity	Norma	
Consistency	-	viscous paste
Color	-	Dark grey
Density [g/ml]	ISO 2811-1	1,92 +/-0,02
Skin formation time [min]	-	5 - 20
Tack free [min]	-	5 - 10
Curing time [mm/24h]	-	3
Slump resistance [mm]	ISO 7390	>3

Application Temperature [°C]	-	+5 - +40
Temperature resistance [°C]	-	Up to +1500
Temperature range in service [°C]	-	+0 - +25 *

*FIREPLACE SEALANT can be transported at low temperatures (up to - 15 ° C) for up to 2 weeks (3 cycles of freezing), before using the product conditioned for 24 hours at +23 °C. Product can not be frozen again after defrosting.

APPLICATION INSTRUCTION

The support surface must be clean, free of dust, soot, rust, grease and other contamination. Clean and degrease metals with acetone or ethanol. To obtain a good adhesion, moisten slightly the support with water before applying. Don't use the sealant at temperature below 0°C. Cut slanting the endcap of applicator nozzle for the gap width and screw onto the cartridge outlet cut over the screw-thread. Use gun for cartridges to apply the sealant. Even out the cement layer with knife or spatula dipped in water. Let it harden for at least 24 h. Increase temperature in the unit step by step until full hardening of the cement.

Cleaning - Uncured sealant can be removed with water, but the cured one is not soluble in water and can be removed only mechanically.

DO NOT WASH HANDS WITH SOLVENTS.

Fireplace sealant should not be used:

- for joints in continuous contact with water,
- if it is raining or about to rain,
- on bitumen or tar-based materials and plastics that contain plasticizers,
- product is not recommended for central heating systems as well as for gas installations
- Fireplace sealant is neither suitable for food applications, nor for medical use. The product is neither tested nor represented as suitable for medical or pharmaceutical uses

STORAGE STABILITY

Warranted shelf life is 24 months from the manufacturing date when stored in unopened, original package at temperature from +0 °C to +25 °C in a dry place protected from freezing. FIREPLACE SEALANT can be transported at low temperatures (up to - 15 °C) for up to 2 weeks (3 cycles of freezing), before using the product conditioned for 24 hours at +23 °C. Product can not be frozen again after defrosting.