SOUDAL

Technical Data Sheet

High Temperature Sealant

Revision: 4/09/2021

Technical data

Basis	Sodium silicate
Consistency	Stable paste
Curing system	Physical drying
Density	1,82 g/ml
Maximum allowed distortion (ISO 11600)	Ca. 2 %
Temperature resistance**	-40 °C → 1500 °C
Application temperature	5 °C → 30 °C

* These values may vary depending on environmental factors such as temperature, moisture, and type of substrates. ** This information relates to fully cured product.

Product description

High Temperature Sealant is a high quality sealing paste based on sodium silicate.

Properties

- Ready for use
- Not elastic after curing
- No fragmentation or cracking after curing
- Heat resistant up to 1500°C
- Free of asbesto

Applications

- Sealing of joints and openings where high temperatures are possible.
- Sealing of stoves, ovens, fireplaces.

Packaging

Colour: black
Packaging: 280 ml cartridge, 290 ml cartridge, 300 ml cartridge

Shelf life

12 months in unopened packaging in a cool and dry storage place at temperatures between +5°C and +25°C. Protect against frost.

Substrates

Substrates: brick, concrete, metals
Nature: rigid, clean, dry, free of dust and grease.
Surface preparation: Slightly moistening porous surfaces improves the adhesion.
We recommend a preliminary adhesion test on any substrate.

Joint dimensions

Min. width for joints: 5 mm
Max. width for joints: 15 mm

Application method

Application method: Apply with spatula, filling knife or sealing gun.
Cleaning: Before curing, High Temperature Sealant can be removed with water from substrates and tools.
Finishing: Finish with a spatula or putty knife.
Repair: With the same material.

Health- and Safety Recommendations

Take the usual labour hygiene into account. Consult label and material safety data sheet for more information.

Remarks

- A slight warming of the heating installation during 12 hours after application prevents bubbleforming and improves structure.
- With prolonged exposure to very high temperatures, the color may lighten.

Liability

The content of this technical data sheet is the result of tests, monitoring and experience. It is general in nature and does not constitute any liability. It is the responsibility of the user to determine by his own tests whether the product is suitable for the application.

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