

Calofer

Revision: 8/09/2015

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Technical data

Basis	Sodium silicate
Consistency	Stable paste
Curing system	Physical drying
Density	1,82 g/ml
Maximum allowed distortion	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.

Product description

Calofer is a high quality sealing paste based on sodium silicate.

Properties

- Ready for use
- 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: 310 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: clean, dry, free of dust and grease.

Surface preparation: Slightly moistening porous surfaces improves the adhesion.

We recommend a preliminary compatibility test.

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, Calofer 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 the packaging label for more information.

Remarks

- A slight warming of the heating installation during 12 hours after application prevents bubbleforming and improves structure.
- Do not apply in situations where constant water immersion is possible.

Environmental clauses

Leed regulation:

Calofer conforms to the requirements of LEED.

Low –Emitting Materials: Adhesives and

Sealants. SCAQMD rule 1168. Complies with

USGBC LEED® 2009 Credit 4.1: Low-Emitting

Materials – Adhesives & Sealants concerning

the VOC-content.

Remark: This technical data sheet replaces all previous versions. The directives contained in this documentation are the result of our experiments and of our experience and have been submitted in good faith. Because of the diversity of the materials and substrates and the great number of possible applications which are out of our control, we cannot accept any responsibility for the results obtained. Since the design, the quality of the substrate and processing conditions beyond our control, no liability under this publication are accepted. In every case it is recommended to carry out preliminary experiments. Soudal reserves the right to modify products without prior notice.

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Liability

The content of this technical data sheet is the result of tests, monitoring and experience. She 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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