



Firecement HT

Product description

Firecement HT is a high quality sealing paste based on sodium silicate.

Properties

- Ready to use
- Not elastic after curing
- No fragmentation or cracking after curing
- Heat resistant up to 1500°C
- Free of asbesto
- Not suitable for permanently standing water
- For interior use

Applications

- All sealing applications that require high temperature resistance.
- Sealing of stoves, ovens, fireplaces.



Technical data

Base	Sodium silicate
Consistency	Stable paste
Curing system	Physical drying
Density	ca. 1.82 g/ml
Maximum allowed joint movement	ca. 2%
Application temperature	+5°C → +30°C
Temperature resistance	-40°C → +1500°C

Footnote: Skinning time and curing speed may vary depending on environmental factors such as temperature, moisture, and type of substrates.

Substrates

- Substrate condition
The surface must be rigid, clean, dry, free of dust and grease.
- Substrate preparation
Slightly moistening porous surfaces improves the adhesion.
- Substrate types
Firecement HT has a good adhesion to following substrates: brick, concrete, metals. We recommend a preliminary adhesion and compatibility test on every surface.

Application method

- Application method
Apply with a spatula, putty knife or sealing gun
- Cleaning method
Before curing, Firecement HT can be removed with water from substrates and tools.
- Finishing method
Finish with a spatula or putty knife.



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- Repair method
Repair with the same material.

Health- and Safety Recommendations

Take the usual labour hygiene into account. Consult the packaging label and safety data sheet for more information.
Keep the area well ventilated during use and curing of the product.
Dangerous. Respect the precautions for use.

Packaging/Logistics

Colour: Anthracite
Packaging: Please consult the product catalogue, the Soudal website or a Soudal representative.
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.

Joint dimensions

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

Environmental clauses

- Leed regulation: Firecement HT 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.

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.

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. It is general in nature and does not constitute any liability. 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 are beyond our control, no liability under this publication is accepted. It is the responsibility of the user to determine by his own tests whether the product is suitable for the application. In every case it is recommended to carry out preliminary experiments. The manufacturer reserves the right to modify products without prior notice.