
FIRECEMENT HT°

Date:17/03/06**Page 1 of 2****Technical Data:**

Consistency	Stable Paste
Curing System	Physical Drying
Shrinkage	None
Specific Gravity	Ca 1,82g/mL
Temperature Resistance	Up to 1500°C

Product:

Firecement HT is a single component ready to use heat resistant sealant which cures to form a hard seal. It withstands temperatures of up to 1500°C.

Characteristics:

- Heat resistant up to 1500°C
- Does not contain asbestos or other harmful components
- Hard setting
- Does not crumble or crack after cure
- Fire Rating of 120 minutes (Test Report 7830)

Applications:

Sealing of joints and openings at furnaces, heating systems, central heatings, barbecues, etc.
Heat retardant sealing at existing constructions

Packaging:

Colour: black

Packaging: cartridge 310mL

Shelflife:

12 months in unopened packaging in a cool and dry storage place at temperatures between +5°C and +25°. Do not expose to frost.

Surfaces:

Type: brickwork, concrete, metals

State of Surface: clean, dry, free of dust and grease

Preparation: slight moistening of the surface will increase adhesive strength

We recommend a preliminary compatibility test.

Joint Size:

Minimum Width: 5mm

Maximum Width: 15mm

Application:

Method: caulking gun, spatula, trowel

Application temperature: +5°C to +30°C

Clean: with water

Repair: with Firecement HT°

Health- and Safety Recommendation:

Apply the usual industrial hygiene.

Remarks:

- A slight heating up of the installation during 12 hours after application of the Firecement HT° will prevent the forming of bubbles and improve the sealant structure
- Do not apply in situations where constant water immersion is possible

Approvals:

- Test Report 7830 – University of Ghent to
- NBN 713.020
- BS 476:Part 20 – Warrington Fire Research Report C81770

Remark: 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. In every case it is recommended to carry out preliminary experiments.



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Date:17/03/06**Page 2 of 2****Test Results – Test Report 7830:**

Wall Thickness	Width of Joint	Depth of Joint	Application	Fire Rating
200mm	10mm	45mm	Unexposed side of the wall	120 min. TI 120 min. FR Rating: EI 120

TI = Thermal Insulation; the time during which the temperature on the unexposed side of the wall does not rise by more than 180°C

FR = Flame Resistance; the time during which the joints stops flames from penetrating the wall

Fire Rating: Draft European Commission Decision RG N170 REV.1

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