Technical Data:

<table>
<thead>
<tr>
<th>Consistency</th>
<th>Stable Paste</th>
</tr>
</thead>
<tbody>
<tr>
<td>Curing System</td>
<td>Physical Drying</td>
</tr>
<tr>
<td>Shrinkage</td>
<td>None</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>Ca 1.82g/mL</td>
</tr>
<tr>
<td>Temperature Resistance</td>
<td>Up to 1500°C</td>
</tr>
</tbody>
</table>

**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°C. 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.
**Test Results – Test Report 7830:**

<table>
<thead>
<tr>
<th>Wall Thickness</th>
<th>Width of Joint</th>
<th>Depth of Joint</th>
<th>Application</th>
<th>Fire Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>200mm</td>
<td>10mm</td>
<td>45mm</td>
<td>Unexposed side of the wall</td>
<td>120 min. TI</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>120 min. FR</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Rating: EI 120</td>
</tr>
</tbody>
</table>

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