**BERELOC – 60 Z**

This revision supersedes and substitutes all previous ones

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<th>Revision No. 1</th>
<th>Technical Data Sheet</th>
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**Characteristics**

Self-flowing low cement refractory castable, based on alumina and zircono. It features an excellent resistance to chemical attack by acid slags. **It does not require vibration to be installed.**

**Application**

Lining of foundry ladles. Safety linings of steelwork tundishes. Manufacturing of precast shapes. I can also be used in other industries, where such a castable is required.

**Maximum Service Temperature**

1700 °C

**Grain Size Distribution**

0 – 6 mm

**Type of Bonding**

Hydraulic modified.

**Typical Chemical Analysis * **

<table>
<thead>
<tr>
<th>Component</th>
<th>Amount</th>
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<tbody>
<tr>
<td>Al₂O₃</td>
<td>Approx. 60 %</td>
</tr>
<tr>
<td>SiO₂</td>
<td>Approx. 25 %</td>
</tr>
<tr>
<td>ZrO₂</td>
<td>Approx. 12 %</td>
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</tbody>
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* On Calcined Sample

**Water Required for Casting & Vibrating**

4,5 – 5,5 % (depending on mixing conditions: outside temperature, mixer type, etc)

**Material Required (density)**

2,95 Kg/m³

**Installation**

Cast-pouring. It can also be installed with needle vibrators. Do not prepare more material than the quantity to be installed within 20 minutes.

**Storage**

In a dry place, 12 months.

**Packing**

In 25 kg. paper sacks over shrunk - wrapped pallet.

**Drying and Heating**

Follow specific instructions for each particular case. As a general rule: Hold for 24 hours before demoulding. Dry at 100 - 150 °C for 12 - 36 hours. Heat at a rate of 30 °C/h. up to 450 °C. Hold for 12 hours. Heat up to 800°C at 30°C/h and hold for 12 hours. Finally, heat up to working temperature at 50°C/h.

This datasheet contains average values taken from manufacturing control tests made in laboratory following specific rules for each text. They do not settle neither specifications nor guarantees on products' characteristics. This product provides a limited responsibility; ask for details.