## Technical Data Sheet

**Revision No. 4**

### Characteristics

Low cement refractory castable based on tabular alumina and spinel with a very low iron oxide content.

### Application

Lining of channel furnaces, press-pour units, Steel ladles. Pre-shaped pieces under attack of slag (mainly basic slags) Repairing works in steel and iron foundry.

### Maximum Service Temperature

1,800 ºC

### Grain Size Distribution

0 – 6 mm

### Type of Bonding

Hydraulic.

### Typical Chemical Analysis *

<table>
<thead>
<tr>
<th>Component</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Al₂O₃</td>
<td>Ap. 90.0 %</td>
</tr>
<tr>
<td>SiO₂</td>
<td>Ap. 0.10 %</td>
</tr>
<tr>
<td>Fe₂O₃</td>
<td>Ap. 0.10 %</td>
</tr>
<tr>
<td>MgO</td>
<td>Ap. 7.7%</td>
</tr>
</tbody>
</table>

* On Calcined Sample

### Water Required for Casting & Vibrating

5 – 6 %

### Material Required (density)

2,900 Kg/m³

### Installation

Cast vibrated with leedle vibrators. Do not prepare more material than the quantity to be installed within 20 minutes.

### Storage

In a dry place, 12 months maximum.

### 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 removing mould. Dry at 100-150 ºC for 12 - 36 hours. Then, heat up to working temperature at a rate of 50 ºC/hour. In small furnaces, use electrical wires or hot-air stoves.

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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.