# INSELOC - 80 TO

**Technical Data Sheet**

**Revision No. 2**

**Characteristics**
Low cement refractory castable, based on high quality sintered bauxite. Specially designed for CEMENT INDUSTRIE.

**Application**
For the Cement Industry: Erosion zone in cyclons, entrance arc, exit ring, cooler walls, etc.  
Other applications: Security lining in stellworks tundishes.  
Treatment Furnaces: Domes and walls

**Maximum Service Temperature**
1650 ºC

**Grain Size Distribution**
0 – 6 mm

**Type of Bonding**
Hydraulic.

**Typical Chemical Analysis * **

<table>
<thead>
<tr>
<th>Component</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Al₂O₃</td>
<td>81.6 %</td>
</tr>
<tr>
<td>SiO₂</td>
<td>11.4 %</td>
</tr>
<tr>
<td>Fe₂O₃</td>
<td>1.7 %</td>
</tr>
</tbody>
</table>

* On Calcined Sample

**Water Required for Casting & Vibrating**
5 – 7 % (depending on the installation method)

**Material Required (density)**
2800Kg/m³

**Installation**
Cast-pouring. It can also be installed with needle vibrators.

**Storage**
In a dry place, 12 months

**Packing**
In 25 kg. paper sacks over shrink - wrapped pallet.

**Drying and Heating**
Follow specific instructions for each particular case.

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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.