METAMORTAR-70

Applications

- METAMORTAR-70 is an air setting/ceramic bonded mortar with alumina content of approximately 70%, which is designed to be used at high temperatures, in excess of 1500°C.
- It is used for high alumina bricks laying and patching.

General characteristics

Chemical composition

Main constituents (%)
Al₂O₃ - 70% min, Fe₂O₃ - 2.5 % max.

Physical properties

<table>
<thead>
<tr>
<th>Grain Size</th>
<th>Bulk Density</th>
<th>Setting</th>
<th>Service Temperature</th>
<th>Water Addition</th>
<th>PCE Value</th>
<th>PLC Briquette size</th>
<th>8% moisture dried at 110°C</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.5-0mm</td>
<td>2.5gm/cc</td>
<td>Air Setting/Ceramic Bonding</td>
<td>1500°C-1650°C</td>
<td>20-25%</td>
<td>ORTON 35 min.</td>
<td>At 1500°C/2h + 2%</td>
<td></td>
</tr>
</tbody>
</table>

Packaging

METAMORTAR-70 does not contain any additives. METAMORTAR-70 packaging is designed to protect it from moisture. However, it is recommended that METAMORTAR-70 not be placed in direct contact with the ground. When correctly stored, the shelf life of METAMORTAR-70 is at least 6 months. In most cases, its properties are retained for over a year.

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