METAMORTAR-30

Applications

- METAMORTAR-30 is an air setting/ceramic bonded mortar with alumina content of approximately 30%, which is designed to be used at medium to high temperatures, in excess of 1100°C.
- It is used for brick laying of IS-6 quality and general purpose mortar.

General characteristics

Chemical composition

Main constituents (%)
Al₂O₃- 30% 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</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.5-0mm</td>
<td>1.6gm/cc</td>
<td>Air Setting/Ceramic Bonding</td>
<td>1100°C-1300°C</td>
<td>20-25%</td>
<td>ORTON 30 min. (1665°C)</td>
<td>At 1350°C/5hrs + 3%</td>
</tr>
<tr>
<td>95% must pass through 30 mesh B.S.S</td>
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</tbody>
</table>

Packaging

METAMORTAR-30 does not contain any additives. METAMORTAR-30 packaging is designed to protect it from moisture. However, it is recommended that METAMORTAR-30 not be placed in direct contact with the ground. When correctly stored, the shelf life of METAMORTAR-30 is at least 6 months. In most cases, its properties are retained for over a year.

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