Flexilite-MC Cement

DESCRIPTION
Flexilite-MC Cement has been developed as part of the Flexilite-MC System for the insulation of the upper section of ingot moulds used for the casting of steel. Flexilite-MC Cement is ideal for bonding Flexilite-MC Felt and Flexilite-MC Paper. This cement is used for adhering Flexilite-MC Felt to the metal surface of the mould, normally at ambient temperatures. It provides simple, easy installation and an effective bond for temperatures up to 1300 °C. The bonding of a Flexilite-MC Paper strip over the joint in the Flexilite-MC Felt, to form an effective seal, can be undertaken using Flexilite-MC Cement.

GENERAL CHARACTERISTICS
Flexilite-MC Cement has the following characteristics and advantages:

- High temperature stability
- Very good homogeneity
- Excellent thickness uniformity
- Easy to apply
- Good shelf life

TYPICAL APPLICATIONS

- Cementing Flexilite-MC Felt to ingot moulds
- Bonding Flexilite-MC Paper to Flexilite-MC Felt

Any new and/or special use of these products, whether or not in an application listed in our literature, must be submitted to our technical department for their prior written approval.
PREPARATION AND USE OF ADHESIVES

Flexilite-MC Cement is a silicate based adhesive and is supplied ready to use. The contents should be mixed well with an electric stirrer before use. It can be applied using a brush, spatula or trowel. Drying time is typically in the region of one hour, depending upon ambient conditions.

AVAILABILITY

<table>
<thead>
<tr>
<th>Packaging</th>
<th>Flexilite-MC Cement</th>
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<tbody>
<tr>
<td>2 kg pail</td>
<td>✓</td>
</tr>
<tr>
<td>10 kg pail</td>
<td>✓</td>
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</tbody>
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Shelf Life & Storage

Flexilite-MC Cement can be stored for up to 9 months, based on unopened containers kept in cool dry storage conditions. Storage between 5 and 20°C is recommended. (Excessive heat during storage, repeated freezing or leaving containers open to atmosphere will adversely affect shelf life.)

HANDLING INFORMATION

A Material Safety Data Sheet has been issued describing the health, safety and environmental properties of this product, identifying the potential hazards and giving advice on handling precautions and emergency procedures. This must be consulted and fully understood before handling, storage or use.

Supplied by: