WHERE TO USE
Malech is used as a primer for wall surfaces in general (e.g., concrete or repairs with cement mortars) before applying a coloured finishing coat from the Elastocolor, Quarzolite and Colorite range, used as regulator of substrate absorption and as adhesion promoter.

Malech can also be used in the Aquaflex System cycle for permanent encapsulation of asbestos as a primer for covering layers of Aquaflex.

Some application examples
• As a primer on well cured new or old renders as long as they are not damaged, before applying a coloured finishing coat of Elastocolor, Quarzolite or Colorite range product.
• As a primer over old paint, even if slightly chalky, before applying Elastocolor, Quarzolite or Colorite coloured finishing coat.
• As a primer on surfaces that need to be treated in enclosed or poorly ventilated environments because Malech is odourless, before applying a product from Elastocolor, Quarzolite or Colorite ranges.

TECHNICAL CHARACTERISTICS
Malech is a micronized acrylic resin based primer in water dispersion that, once applied on the surface, penetrates better than traditional water based primers. Malech is odourless and solvent free, therefore can be applied in close or poorly ventilated environments.
Because of Malech’s formulation, it ensures the consolidation of chalk present on surfaces that need to be treated. Thanks to Malech’s deep penetration into the surface, it slows down the formation of efflorescence.

**RECOMMENDATIONS**
- Do not use Malech on metal surfaces.
- Do not apply Malech on wet surfaces.
- Do not apply Malech at temperatures below +5°C.

**APPLICATION PROCEDURE**

**Preparing the substrate**
New surfaces that need to be treated or small repairs with repair mortars must be cured, perfectly clean, sound and dry. Remove from the surface all traces of oil or grease and any loose material that is not perfectly bonded. Seal any cracks and repair deteriorated surfaces. Seal any porous sections and level any uneven parts of the substrate.

**Preparing the product**
Malech is ready-to-use. It is recommend to thin Malech up to 50% with water in order to avoid the vitrification of substrates that are not very absorbent.

**Applying the product**
Mix Malech before use and apply it with a brush, roller or spray. Protect from pouring rain for at least 12 hours. Malech can be painted after 12-24 hours depending on the environmental conditions.

**Cleaning**
Brushes, rollers or spraying equipment (airless) should be cleaned with water before Malech dries.

**CONSUMPTION**
0,10-0,15 kg/m² depending on the porosity of the substrate.

**PACKAGING**
10 and 2 kg drums.

**STORAGE**
Malech can be stored 24 months in a dry environment in its original packaging at temperatures between +5°C and +30°C.

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### TECHNICAL DATA (typical values)

<table>
<thead>
<tr>
<th><strong>PRODUCT IDENTITY</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Consistency:</td>
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<tr>
<td>Colour:</td>
</tr>
<tr>
<td>Density (EN ISO 2811-1) (g/cm³):</td>
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<tr>
<td>Dry solids content (EN ISO 3251) (%):</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>APPLICATION DATA</strong></th>
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<tbody>
<tr>
<td>Dilution rate:</td>
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<tr>
<td>Waiting time before painting over:</td>
</tr>
<tr>
<td>Application temperature:</td>
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</tbody>
</table>

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<tr>
<th><strong>FINAL PERFORMANCES</strong></th>
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</thead>
<tbody>
<tr>
<td>VOC content of the ready-to-use product (European Directive 2004/42/EC) (g/l):</td>
</tr>
</tbody>
</table>
after long-term practical application; for this reason, anyone who intends to use the product must ensure beforehand that it is suitable for the envisaged application. In every case, the user alone is fully responsible for any consequences deriving from the use of the product.

Please refer to the current version of the Technical Data Sheet, available from our website www.mapei.com

PRODUCT FOR PROFESSIONAL USE.

WARNING
Although the technical details and recommendations contained in this product data sheet correspond to the best of our knowledge and experience, all the above information must, in every case, be taken as merely indicative and subject to confirmation.