MORTEL GP-100 PLUS

FEATURES
Cement powder component A and synthetic resin Component B, for repairs with high mechanical resistance, for filling thicknesses up to 60 mm / layer; it does not shrink. It is used for indoor and outdoor applications. It offers excellent workability, adhesiveness, resistance to frost, strokes and moisture. Thanks to the hydraulic connections, the special polymers, selected inert materials and synthetic fibers it contains, it does not crack or slip in large thicknesses.

AREA OF APPLICATION
MORTEL GP -100, repairs all types of irregular constructions up to a thickness of 6 cm, with one layer, without molds, and is suitable for all types of concrete repair works, repairs of broken corners of ladders, balconies, columns, holes, gutters creation.

MANNER OF APPLICATION
1. Surface preparation
The substrate must be free from dust and rotten materials and should be thoroughly wetted or primed with the micro- molecular stabilizer BETON CONTACT before its application.

2. Application
Pour the cement powder into clean water, in a ratio of 5 Kg powder with 5,0 lt water. Stir them with a low-rotation power drill or with a mixer until a homogenous mixture is created, which is suitable for any type of use. The mixture remains workable for 3 hours and is applied with a trowel for repairs or with a machine if the surfaces need a covering material with high mechanical resistance.

TECHNICAL DATA (IN +23°C AND 50% U.R.)

<table>
<thead>
<tr>
<th>Unit of measurement</th>
<th>Pieces/Pallet</th>
<th>Consumption</th>
<th>Color/other specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>25 kg/sack 5 kg/plastic can</td>
<td>54 pcs/pallet 60 plastic cans/pallet</td>
<td>1.5 kg/m²/mm :1:5</td>
<td>White</td>
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</tbody>
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Form - Color
Cement- powder, grey
Toxic / flammable (according to ΕΝ 88/379) No
Specific weight of dry powder 1,47 ±0,05 kg/lt
Specific weight of wet powder 2,00 ±0,05 kg/lt
Maximal grain diameter 1.5 mm
Application temperature From +5°C to +35°C
Thermal resistance From -30°C to +80°C
Pot life in container 3 hours
Maximum thickness of application 6 hours

MECHANICAL RESISTANCE
Resistance to flexion after 28 days, according to EN 196-1 18,00 ± 1,00Ν/mm²
Resistance to compression after 28 days, according to EN 196-1, after • 48 hours 32,00 ± 3,00 N/mm²
• 7 days 40,00 ± 2,00 N/mm²
• 28 days 60,00 ± 1,00 N/mm²

CONSUMPTION
About 15 kg/m²/cm thickness of layer

PACKAGING
MORTEL GP 100 is supplied in sacks of 25 Kg.

SHELF-LIFE STORAGE
12 months after manufacture date if the product is stored in its original and unopened packaging, in environments protected by moisture and frost.

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