Non shrink mortar for repair

**PRODUCT**
weberep 350 NSG is a pre-mixed, polymer-modified cementitious non shrink mortar giving high performance at plastic consistency. Supplied as a ready to use dry powder it requires only the addition of water to produce a non-shrink mortar for repair.

**PROPERTIES**
- No metallic content
- Avoids corrosion and stops rust
- Composition allows early strength development

**SCOPE OF USE**
weberep 350 NSG can be used in different situation where shrinkage is undesirable.
- Repair of concrete surface
- Repairs to pre-cast concrete
- Filling blow holes
- General reprofiling over large areas
- Fill superficial cracks in concrete and plasters

**CHARACTERISTICS**

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Value</th>
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<tbody>
<tr>
<td>Appearance</td>
<td>Grey or white powder</td>
</tr>
<tr>
<td>Grain Size</td>
<td>up to 0.8 mm</td>
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<tr>
<td>Bond strength (BS 1881 part 207)</td>
<td>&gt; 15 N/mm²</td>
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<tr>
<td>Flexural strength (BS EN 196-1)</td>
<td>4 N/mm²</td>
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<tr>
<td>Compressive strength (BS EN 196-1)</td>
<td>&gt;15 N/mm²</td>
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<tr>
<td>Curing</td>
<td>Air cured according to ASTM C1439</td>
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<tr>
<td>Thickness</td>
<td>3 to 10 mm in one layer &amp; from 2 mm for local small applications</td>
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</tbody>
</table>

* Results obtained at 18% water under lab. condition at 22°C ± 1.
* Properties listed above are only based on controlled laboratory samples and tests. Results may differ based upon statistical variations depending upon mixing methods and equipment, temperature, application methods, test methods, actual site conditions and curing conditions.

**APPLICABLE STANDARDS**
ASTM C 1439  
BS 1881 part 207

**INSTRUCTIONS FOR USE**

**PREPARATION OF SUBSTRATE**
The substrate should be sound, clean, free from any dust, wax and oils.

Dust should be removed and the substrate should be moistened.  
Substrates should not be overheated or frozen.

**PRODUCT PREPARATION AND APPLICATION**
The paste is obtained by mixing a 25 kg weberep 350 NSG bag with 4.5 to 5.5 liters of water. After mixing, the paste should be left to rest a few minutes before use. The paste can then be applied with a trowel. After finishing, keep the surface moisten or immediately apply a curing compound like weberad cure WH or weberad cure Y 40 as soon as application is finished.

Ideal application temperature is between + 5°C and + 35°C. If the application temperature is higher than 35 °C, make sure to use cool water to keep the mixed grout temperature below 30 °C.

**STORAGE**
12 months after manufacturing date in original and non-open packaging, under cover, in dry condition, away from humidity, protected from extreme temperatures and direct sunlight.

**Yield**
Approximately 12 L / 25 kg bag.
SAFETY PRECAUTIONS
The product contains cement powders which, when mixed with water, release alkalis that could be harmful to the skin. It is preferable that the application be done in a ventilated area, and to wear protective gear for hands, eyes and respiratory system and to avoid breathing of the dust. Splashes on the skin should be washed away by cleaning thoroughly with soap and water. In case of contact with eyes, wash thoroughly with clean water and seek medical attention. If swallowed, do not induce vomiting and seek medical attention. The product is non-flammable.

DISCLAIMER
While the company guarantees its products against defective materials, the use and application of these products are made without guarantee since the conditions of their application are beyond its control. It is recommended to verify with the company that the product is suitable for the intended use, and that this Data Sheet version is the latest one. The company may modify it without prior notice. Technical characteristics are listed for guidance only. For more information, please contact the company’s office in your location.

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*Available only in Qatar