weberep 350 NSG Formerly "Conrep.350 NSG"

TECHNICAL AND REPAIR MORTARS

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

Appearance	Grey or white powder
Grain Size	up to 0.8 mm
Bond strength (BS 1881 part 207)	> 0.5 N/mm²
Flexural strength BS EN 196-1	
28 day	4 N/mm²
Compressive strength BS EN 196-1	
1 day	6 N/mm²
28 days	>15 N/mm²
Curing	Air cured according to ASTM C1439
Thickness	3 to 10 mm in one layer & from 2 mm for local small applications

** 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.



PACKAGING

Leb	Syria	Jordan	UAE	Qatar	Kuwait	KSA	Oman
-	25 kg	25 kg	25 kg	25 kg	25 kg	25 kg	25 kg

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

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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