

weberep ST
(UAE)

Non metallic non shrink fiber reinforced repair mortar

Technical and repair mortars

Leb	Egypt	Jordan	UAE	Qatar	Kuwait	KSA	Oman
-	-	-	50kg	-	-	-	-

PRODUCT

weberep ST is a ready-to-use mortar mainly made of sand (reconstituted grain size range), special cement, fibres and additives that provide unique properties: non-shrinking, high strength, high adhesion and compactness. The highly compacted grains slows down carbonation.

PROPERTIES

- Non-shrinking
- High strength
- Normal setting
- Good resistance to sea water and to high-sulphate water
- Prevents steel reinforcements from corrosion

SCOPE OF USE

- Repair of concrete surfaces, honeycombing, edges ofsteps and all types of load bearing situations
- Restoring the structure of damaged construction: columns, slabs, vault, mats and dam overflows
- Reinforcing of weakened structures such as balconies, pedestals and cornices

CHARACTERISTICS	
Active ingredients	Hydraulic binders, synthetic fibers, without any chlorides or metal particles
Appearance	Grey Powder
Grain size	0-25mm
Mixing water	7.5-8.5lit/50kg bag 3.75-4.25 lit/25kg bag
Yield	25lit/50kg bag 12.5lit/25kg bag
Thickness	5-50mm in one coat
Fresh density ASTM C 185- 02 section 5.2	2.05-2.15

*Compressive Strength EN 12190 at 22°C±1: 1 day 7 days 28 days	 15MPa 30MPa >45MPa
*Flexural Strength BS EN 196-1 at 22°C±1: 28 days	 >6MPa

** Results obtained at 15% water under lab condition at 22°C±1.*

APPLICABLE STANDARDS

BS EN 196-1: 1994
BS EN 6319 Part 2
BS EN 6319 Part 3
BS EN 6319 Part 7
BS 1881 Part 207: 1992 section 8

INSTRUCTIONS FOR USE

SUBSTRATE PREPARATION

weberep ST may be applied on sound concrete, masonry, rock or similar materials. Remove damaged concrete and laitance by chipping with a pick or cold-chiselling to get a rough surface. The area must be surrounded by clean edges. Do not feather edges.
The surface must also be free from any trace of grease or oil. Brush or scrape corroded steel with a metal brush, or sand it to remove all rust particles. Remove dust from all surfaces to be fixed. For an optimal protection of steel, apply **weberep 370 PF** by brush prior to **weberep ST**.
Saturate the surface with water by copiously spraying just before application, and if possible, 6 hours before application as well.

PRODUCT PREPARATION

Mix a 50kg bag **weberep ST** with 7.5 to 8.5lit of clean water (or half the quantity with 25 kg bag) until a smooth paste is obtained. In Lebanon, mix 3.25 to 3.75lit of water with a 25kg bag.

PRODUCT APPLICATION

weberep ST can be applied:

- Manually with a trowel.
- By using a dry or wet spraying machine.
- By pumping.

weberep ST must be used within one hour from mixing. For thickness more than 50mm, it is recommended to apply **weberep ST** in 2 layers. When the first coat is applied it must be directly roughened to increase bonding with the second coat.
Re-mixing with an extra amount of water is forbidden. After application, cure the exposed surface by spraying cool water for 3 days, by using a curing compound like **weberad cure WH** or ad **weberad cure y 40** or by covering with properly secured plastic sheeting.Ideal application temperature is between +5°C and +35°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.

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 with soap and water. In case of contact with eyes, wash thouroughly with clean water. If swallowed, do not induce vomitting, in both cases 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.

NOTE

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SAINT-GOBAIN