

# REC REPAIR M-322

## Non shrink two component cementitious mortar for repair

### PRODUCT

Rec Repair M-322 is a premixed 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 liquid to produce a high, consistent cementitious non shrink mortar for repair and plastering work.

### PROPERTIES

- No metallic content
- Avoids corrosion and stops rust
- Composition allows high early strength development without the use of chlorides

### SCOPE OF USE

Rec Repair M-322 can be used in all repairing situations where shrinkage is undesirable.

Rec Repair M-322 can be used as a cement plaster or render in one or two coats on walls and ceiling in internal and external.

### CHARACTERISTICS

Appearance	Powder
Color	Grey
Mixed density	1920 kg/m <sup>3</sup>
Grain Size	0.04 to 0.6 mm
Thickness	up to 6 mm
Adhesion on concrete (28 days)	> 0.5 N/mm <sup>2</sup>
Flexural strength (28 days)	> 2 N/mm <sup>2</sup>
Compressive strength (28 days) air cured	> 20 N/mm <sup>2</sup>
<b>Liquid</b>	
Color	White
Density	1

### APPLICABLE STANDARDS

BS 1881: part 118, ASTM C942 and ASTM D4541.

### INSTRUCTIONS FOR USE

#### SUBSTRATE PREPARATION

The substrate should be sound, clean, free from any dust or demoulding products and oils.

Dust will be removed and the substrate will be moistened if dry. Substrates should not be overheated nor frozen.

### PRODUCT PREPARATION AND APPLICATION

The paste is obtained by mixing the 25 kg (50 kg in UAE) powder with the 4.6 liter (9.2 liter in UAE) liquid in a mixer. After mixing, the paste is left to rest a few minutes. The paste can then be applied with a trowel.

After usage, tools should be cleaned with water.

Cure by applying water for 3 days, twice a day or by applying a curing compound like Rec Repair M-322.

Ideal application temperature is between + 5°C and + 35°C. If the application temperature is higher than 35 °C, make sure to keep the liquid part in cold place to keep the mixed grout temperature below 30 °C.

### YIELD

Approx. 30 LT/59.2 kg kit and 15 LT/29.6 kg

### 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 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

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