

Mortars

CRETEREP 500P

High Strength Repairing Mortar



General Properties:

- **CRETEREP 500P** is one component cement base ready mix repairing mortar used for repairing cement substrata.
- Aggregate size up to 5.00 mm.
- One component, just add water.
- Excellent cohesion and adhesion to different substrata especially to non porous surfaces.
- Has high water retention, accordingly high workability.
- Can be applied to the vertical, inclined & soffits surfaces.

Uses:

- Repairing for all cement or concrete works for thickness up to 25 cm.
- Repairing concrete structures as columns beams ...etc.
- Preparing concrete structures specially before proofing.
- Hard screed layer to industrial floors free of joints thickness up to 20 cm area up to 50 m².
- High quality adhesive for ceramic, marble and tiles especially in water structures subjected to sever conditions.

Application:

1. Clean substrate before application & remove all loose particles.
2. Wet substrate before application.
3. Put water in a suitable container. (Water ratio = 9%) (2.25 liter / 25 kg powder).
4. Add **CRETEREP 500P** to the water & mix well, till you get required consistency.
5. Apply **CRETEREP 500P** with the suitable tool for the required application.
6. Clean tools immediately after application using water.

Note: Due care to add the powder component to the water not vice versa.

Technical Data:

Compressive Strength : (ASTM C-109) Water ratio = 9 %

Time	Compressive Strength
1 day	275 kg/cm ²
3 days	350 kg/cm ²
7 days	400 kg/cm ²
28 days	450 kg/cm ²

Setting Time of O.P.C. : (ASTM C-191) 30min

Pulloff Strength : ASTM D 4541-95

Substrate	Concrete surface	Steel Surface	Glaze surface of ceramic tiles
Pull off stress	1.6 N/mm ² Failure to substrate	3 N/mm ²	1.3 N/mm ²

Shelf Life : 12 months in closed container and away from sunlight, heat and humidity.

Environment:

- **CRETEREP 500 P** is non toxic and suitable for potable water structures
- Boots, rubber gloves, dust masks, and safety goggles.
- Refer to MATERIAL SAFETY DATA SHEETS (MSDS)

For more information please contact our technical department

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