

Mortars

## CRETEREP 70P

### High Quality Repairing Mortar



#### General Properties:

- **CRETEREP 70P** is one component cement base ready mix repairing mortar used for repairing cement substrata.
- Aggregate size up to 1.0 mm.
- One component, just add water.
- Can be applied to the horizontal vertical, inclined surfaces & soffits
- Repair Mortar obtains high bond strength without using bonding agents.

#### Uses:

- Repairing concrete especially RC structure for thickness up to 50 mm.
- Repairing for cracks in stone or brick walls.
- Repairing water structure concrete prior to proofing.
- High quality adhesive for submerged surfaces under sever conditions, like ceramic tiles in summing pools.

#### Application:

1. Clean substrate before application & remove all loose particles.
2. Wet Substrate before application.
3. Put suitable water ratio (10.5%) in suitable container.(2.6 liter / kg powder).
4. Add **CRETEREP 70P** to the water & mix well, till you get required consistency.
5. Apply **CRETEREP 70P** 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 = 10.5 %

Time	Compressive Strength
1 day	200 Kg /cm <sup>2</sup>
3 days	350 Kg /cm <sup>2</sup>
7 days	450 Kg /cm <sup>2</sup>
28 days	500 Kg /cm <sup>2</sup>

**Setting Time of O.P.C. :** (ASTM C-191) Pot life 30 minutes

**Pulloff Strength :** (ASTM D 4541-95)

Substrate	Concrete surface	Steel surface	Glaze surface of ceramic tiles
Pull off strength	1.6 N/mm <sup>2</sup> Failure to substrate	3 N/mm <sup>2</sup>	1.3 N/mm <sup>2</sup>

**Abrasion :** Pyramid sand test from 0.9 – 0.6mm, under load 15.5 kg, for length 500 m.

Abrasion = 4.1 mm after 3 days

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

**Environment:**

- **CRETEREP 70 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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