

Mortars

CRETEREP V♦

High Quality Repair Mortar



General Properties:

- **CRETEREP V♦** Is repairing mortar specially formulated to make structural repair to any concrete or masonry surface.
- Consists of two components. Component (A) is liquid & component (B) is powder.
- Has maximum aggregate size of 1.0 mm.
- Can be applied on verticals, soffits, or inclined surfaces.
- Used for repairing concrete with thickness beginning from 5 mm up to 50 mm per one application.
- Has excellent adhesion & high strength.

Uses:

- Repairing concrete for small thickness up to 50 mm.
- Adhesive mortar for fixing tiles & ceramic to cement substrate especially in swimming pools & water tanks. It's not affected with permanent water.
- Repairing water concrete structure before proofing.
- Screeds having small thickness up to 10 mms.
- Hard layer for industrial floors.

Application:

1. Clean substrate & remove all loose aggregates.
2. Mix. Comp. A (liquid) well and pour in a container.
3. Add Comp. B (powder) to comp. A (liquid) and mix well.
4. Damp substrate before application using water.
5. Use the suitable tool for required application.
6. During the first 24 hours, it is better to keep the patch covered or damp to prevent excessive loss of water.
7. Clean tools immediately after application using water.

Technical Data:

Compressive strength, (ASTM C-109)

Time	Compressive Strength
3 days	20.0 kg/cm ²
7 days	30.0 kg/cm ²
28 days	35.0 kg/cm ²

Setting Time of O.P.C.	: (ASTM C-191) 30 min.
Pulloff strength	: 1.0 N/mm ² (ASTM D 4541-95).
Binder	: Hydraulic & synthetic resins.
First setting	: 40 min.
Abrasion	: Pyramid sand test from 0.9 - 0.6 mm. under load 10.0Kg, for length 50.0m abrasion 4.1 mm after 3 days.
Dilution	: Water, if necessary.
Shelf Life	: 12 months in closed containers away from direct sun light, heat and humidity.

Environment:

- **CRETEREP V♦** is non toxic and suitable for potable water structures.
- Boots, gloves, dust masks, and safety goggles. REF. TO (MSDS)

For more information please contact our technical department

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