

Proofing

CRETEROOF P

Cement Based Proofing Coat

**General Properties:**

- **CRETEROOF P** is one component cement based powder product specially formulated for water proofing to rigid constructions, concrete, brick work and stone work.
- High quality non toxic, suitable for potable water tanks and swimming pools.
- Has breathing properties.
- Excellent cohesion and adhesion to substrate.
- Works as proofing against positive and negative pressures.

Uses:

As Proofing to basements, potable water tanks, swimming pool, water structures, roofs and bathrooms.

Substrate Conditions:

- The substrate should be sound concrete class B15 (minimum requirements) .
- Generally the substrate should be free of structural cracks.

Application:

1. Clean substrate from any foreign materials, remove any loose aggregates.
2. Wear gloves and eye goggles before working.
3. Repair substrate before proofing , using repair mortar **CRETERP 70P/250P** as follows:
 - Fill any gaps and repair bared steel bars.
 - Clean and repair construction joints.
 - Apply corner fillets radius 4cm between walls and floors and construction joints one shot layer .
 - Repair and fill around all inlet, outlet tubes and electrical accessories.
4. Wet substrate with water before application.
5. Put water in a suitable container (about 22% of powder wt) then gradually add the powder.
6. Continue mixing for 3 minutes, leave for 3 minutes, and remix to get homogenous slurry, free of lumps.
7. Apply 2 coats (one coat daily in opposite directions).
8. For deep water (in case water head is more than 3m) it is recommended to apply a third coat.
9. Keep stirring during application.
10. Clean tools immediately using water after application.
11. Cure the surface using water for 2 – 3 days.

Note: 1- **CRETEROOF P** can be applied as one shot layer using a trowel with thickness from 2-3 mm, in this case water ratio should be decreased to get the suitable consistency for troweling, and approximately water ratio is (13.5% from powder weight).

Technical Data:

	Troweling application	Flowable application
Compressive Strength (After 3 Days) ASTM C109	400 kg/cm ² .	240 kg/cm ² .
Water ratio	13.5%.	22% (by weight).
Pulloff Strength	: 1.5 N/mm ² ASTM D4541 (Pulloff test) (After 7 Days).	
Consumption	: 1.0 – 1.2 kg / m ² /one coat (depends upon the substrata roughness).	
Porosity	: Has breathing property (can be applied on wet substrata).	
Toxicity	: Non-toxic .	
Pot Life	: At 20°C 60 min.	: At 30°C 30 min.
Shelf Life	: 12 months in closed container and away from sunlight and humidity.	

Environment:

- **CRETEROOF 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)

END OF TECHNICAL DATA

For more information please contact our technical department

Head Office : 21 Takseem El Awkaf – EL Sawah Sq. Cairo – Egypt

Tel : 002 / 02 24535678 - 24535679 Fax : 002 / 02 24538986

Web site : www.yasmomisr.com E-mail: yasmo@yasmomisr.com