

Proofing

CRETEROOF

Cement Based Proofing Coat

**General Properties:**

- **CRETEROOF** is a waterproofing product consists of two components comp.A liquid & comp.B powder.
- High quality non-toxic cement base slurry for proofing concrete and cement substrate.
- Excellent cohesion & adhesion.
- Distinguished by breathing property.
- Suitable for proofing in positive & negative water pressures.

Uses:

- Water proofing of basements .bathrooms, roofs.
- Swimming pools, water structures and potable water tanks.
- Providing a waterproof coarse layer under screeds.

Substrate:

CRETEROOF is applied to substrate of sound concrete, brick and stone substrate.
Generally substrate should be crack free.

Application:

1. Clean substrate well from any foreign materials.
2. Preparation of substrate before proofing.
 - Repair surface using **CRETEREP**.
 - Corner fillets should be rounded to a height of 4 cm using **CRETEREP** between walls and floors.
 - Repair construction joints using **CRETEREP**.
 - It's essential to repair around inlet & outlet drainage and water supply tubes if exist using **CRETEREP**.
3. Wet substrate well before application.
4. Mix the two components well by adding powder to the liquid to get lumps free slurry.
5. Apply 2-3 coats to the surface using brush one coat daily. The numbers of coats depends on the water head.
The coats should be perpendicular to each other.
6. Keep stirring the slurry continuously during the application.
7. Cure the surface with water twice daily for 7 days.
8. Clean tools immediately after application using water.

Note: **CRETEROOF** can be applied with a trowel one coat with thickness 2-3 mm one shot by decreasing the liquid component in mixing.

Technical data:

Toxicity	: Non-toxic & suitable for potable Tanks.
Density	: 2 gm/cm ³ after mixing the two components.
Consumption	: 1.1 - 1.3 kg/m ² one coat.
Bonding agent	: Hydraulic synthetic resins.
Head of water	: resists 4 bar water head without leakage.
Environment	: Friendly not toxic suitable for potable water.
Adhesion strength	: > 1.0 N/mm ² . (Failure happened to concrete surface).(pulloff test)
Pot life	: 40 min. At 20°C.
Shelf life	: 12 months in good conditions away from direct sunlight and Humidity.

Environment:

- **CRETEROOF** 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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