



TECHNICAL DATA SHEET

KEM PROOF CWC

Crystalline Waterproofing Coating

DESCRIPTION:

Kem proof CWC is an integral capillary concrete water proofing compound which waterproofs and protects concrete in depth. It consists of Portland cement, specially treated quartz sand and specialty chemicals.

PRODUCT SPECIFICATION / COMPLIANCES:

- Appearance : Grey powder
- Bulk density : Approx.1.25
- Penetration : 2 mm per week
- pH : 11 +- 1
- Curing : Damp for 5-7 days by mist spraying of water and covering with polythene sheets (don't use curing compound)

PRIMARY APPLICATIONS:

- Basement and foundation.
- Tunnels and subways.
- Sewage and water treatment plants.
- Concrete pipes.
- Dams and reservoirs.
- Harbors and bridges.
- Parking areas.

PRODUCT FEATURES:

- ◆ Ease of application.
- ◆ Penetrates deeply and seals concrete capillary tracts and shrinkage cracks.
- ◆ Applicable for either positive or negative side pressure.
- ◆ Effective under high hydrostatic pressure.
- ◆ Tear or puncture resistant.
- ◆ Do not require protection.
- ◆ Withstands aggressive saline or chemical attack.

APPLICATION GUIDELINES

- All surfaces must be thoroughly cleaned and free from laitance, loose material, dust, dirt, oil, grease, general grime, all contaminants etc.
- All structural cracks should be properly repaired and treated.
- All non – structural cracks above 1 mm wide should be filled.
- Any holes or indentations should be filled with repair mortar.
- All renders, coatings, tiling should be removed back to the structure to be waterproofed.
- Any loose pointing should be raked out and repointed flush with the surface of the bricks or block work.
- All old repaired should be inspected and repaired where necessary.
- Newly laid concrete can be coated after 24 hours.
- Leaking construction joints should be treated with Kem plug and sealed with kem seal before coating.

APPLICATION OF COATING SYSTEM

- Add 2 part of water to 5 parts of Kem proof CWC.
- Use the material within 20 mins.and stir the mix frequently through out the application
- Apply it by brush on the prepared surface in two coats; second coat is to be applied at right angle to the first coat after 3-4 hours.
- One coat is sufficient.
- Treated area should be kept damp for five days.

COVERAGE: 1 kg / m² per coat when used alone or for dry shake broadcast.

SHELF LIFE: 12 months in unopened bags.

PACKAGING: 25 kg Bags

STORAGE: Store away from direct sunlight and moisture.

TECHNICAL SERVICE:

Chembond has established itself in various fields on the basis of its dependable technical service. For this purpose, we maintain a well equipped laboratory for research & quality assurance of all products. Our experienced personnel are always on call and would always be available for product demonstrations and product performance monitoring.

SAFETY PRECAUTIONS:

KEM PROOR CWC is cementitious alkaline product , care should be taken to avoid contact with eyes, skin, mouth and food stuff. Any splashes on the human body must be washed with plenty of water.

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