



KEM PROOF CWC

Crystalline Waterproofing compound

Ref. WP/CW-V3-0116

Description

KEM Proof CWC is an integral capillary concrete waterproofing compound which waterproofs and protects concrete in depth. It consists of Portland cement, specially treated quartz sand and specialty chemicals.

Uses

- Basements and foundations.
- Tunnels and subways.
- Sewage and water treatment Plants.
- Concrete pipes.
- Dams and reservoirs.
- Harbours and bridges.
- Parking areas.

Advantages

- 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.
- Does not require protection.
- Withstands aggressive saline or chemical attack.

Typical Properties

Appearance : Grey and Red powder

(Red colour is available on request and it is only for identification of application areas at site.)

Penetration : 2mm per week

Curing : Damping for 5-7 days by mist spraying water and covering with polythene sheets.

Standards

DIN 1048

Direction for use

Clean the surface to be treated and free it from laitance, loose material, dust, dirt, oil, grease, general grime, all contaminants etc. Repair and treat all structural cracks properly. Fill all non-structural cracks more than 1mm width. Fill any holes or indentations with repair mortar. Remove all renders, coatings, tiling from the structure to be waterproofed. Rake out any loose pointing and reprinted flush with the surface of the bricks or block work. Coat newly laid concrete after 24 hours. Treat leaking construction joints with KEM plug and seal with KEM seal before applying coat. Add 2 parts water to 5 parts KEM Proof CWC. Apply the material within 20 minutes using a brush. Stir the mix frequently throughout application. Apply a second coat at right angle to the first coat after 3-4 hours. Keep the treated area damp for five days.

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

Packaging

25 kg moisture-resistant bags.

Storage and Shelf life

Away from direct sunlight and moisture. 12 months from manufacture if stores in original, unopened bags in dry conditions.

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

Do not use any curing compounds. KEM Proof CWC is a 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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