

CWC®SMART WP 200

Normal Setting Integral Waterproofing Compound For Cement Mortar & Concrete in Liquid Form

Description

CWC®SMART WP 200 is a heavy duty damp proofing (**water repellency**) admixture for concrete, mortars and any type of cementitious renders. The presence of this integral compound resists and reverses the normal tendency of hardened concrete to absorb water by capillary action and makes the concrete totally sealed against penetration of water (or liquids).

CWC®SMART WP 200 conforms to IS: 2645-2003.

Indicative Characteristics

Form	Liquid
Colour	Brown
Specific Gravity at 27°C	1.05 ± 0.02
Setting Time	No Change
Permeability to Water	< 50% of Reference Mix
Compressive Strength, 3d, 7d	>90% of Reference Mix
Chloride content, % w/w, as per BS 5075, Part I	Nil
Toxicity	Non – Toxic

Domains of Application

- In rendering / plastering work on all brick walls in Residential and Industrial Structures.
- In silos, basement structures and for damp-proof course in residential buildings.
- For repair / maintenance work of existing damp wall, saltpetre in brick work.
- As an integral damp proofing /waterproofing compound in concrete for roof, slab etc.
- In marine structures and sea-facing buildings.

Method of Application

CWC®SMART WP 200 is supplied ready for use.

For maximum dispersion throughout the mix, recommended quantity of **CWC®SMART WP 200** should be added into the mixer at the same time as the mixing water.

CWC®SMART WP 200 should not be added to the dry cement.

Dosage

200 g / 50 kg bag of cement.

Advantages

- Ensure complete water repellent concrete.
- Eliminates / Reduces dampness from the plastered surface of the brick work.
- Protects concrete from weak acid / salt solution, oil and hydrocarbons.
- Prevents / Reduces sweating, efflorescence, saltpetre action.
- Resists fungal growth on the plastered surface of the brick.

Shelf Life & Storage

12 months from the date of manufacturing when stored in unopened, original sealed and dry condition at a temperature range from +5°C to 40°C

Packing

1 kg, 5 kg, 20 kg and 200 kg container

Precautions

Do not add any water when the mortar or concrete gets dry due to delayed use. Any extra water added to the mix, will jeopardize all efforts of waterproofing.

Safety

- Wear hand gloves, safety shoes and safety goggles while using and handling the product.
- In case eyes or mouth are affected wash with plenty of clean water and seek medical treatment immediately.

Before use, refer to the Material Safety Data Sheet.

The MSDS is available on www.cwcchemicals.com