

CHEMPROOF CWP



INTEGRAL WATERPROOFING LIQUID ADDITIVE FOR CONCRETE

DESCRIPTION:

Chemproof CWP is an integral waterproofing admixture in liquid form, effectively repels the moisture to enter into the concrete, can be directly added to concrete while batching in plant of small batch mixers.

When used as an admixture it forms an internal barrier against water penetration. Chemproof CWP also increases the plasticity of concrete and prevents water absorption that results thereby as a guard against freeze and thaw damage.

The product is chloride free hence it is ideal for plain concrete and re-enforced concrete mixes in all ratio of mix designs.

Chemproof CWP is resistant & prevents the moisture capillary action therefore reduces the efflorescence in concrete that results in color stability of hardened concrete.

WHERE TO USE:

In all waterproof concrete, as this is a concrete admixture for waterproofing.

For example Basements, Reservoirs, Concrete Water Tanks, Water Courses & Canals and all kind of concrete subject to water retaining and immersion.

BENEFITS/ ADVANTAGES:

- Protects moisture absorption
- Reduces capillary action
- Reduces vapor transmission through walls and slabs.
- Increases the compressive strength by reducing water cement ratio with enhanced workability. Concrete color stability is increased when used Chemproof CWP.

ENGINEERING SPECIFICATIONS:

Chemproof CWP meets or exceeds the requirements of ASTM 494 Type A, F and G.

TECHNICAL INFORMATION:

The physical and Chemical Properties

Color	Brown Liquid
Solution	Aqueous solution
Air Entrainment	<2%
Chloride Content	Nil
PH-Value	8-10
Specific Gravity	1.14

ADDITIONAL ADVANTAGE:

Chemproof CWP has been modified with the addition of a special natural polymer that enhances the crack resistance, shrinkage resistance and increased resistance against erosion in running water where traction of particles is a root cause of surface damage.

NEW GENERATION POLYMER:

Chemproof CWP is also modified with a new generation Polymer added @ 1% for enhanced crack reduction and resistance to water borne chemicals.

DOSAGE:

150 ml to 400 ml per 50 kg cement depending upon the required workability, prevailing temperature and humidity.

To ascertain the specific dosage a site trial must be conducted for every project, that might vary according to environmental changes.

PACKING:

Packed in 210-liter drums, 1000-liter IBC containers and Bulk Supply in Tankers.