

CHEMPROOF CWP

INTEGRAL WATERPROOFING POWDER ADDITIVE FOR MORTAR

DESCRIPTION:

Chemproof CWP is an integral waterproofing admixture in Powder form, effectively repels the moisture to enter into the mortar, can be directly added to mortar 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 mortar, and prevents from water absorption that results thereby as a guard against freeze and thaw damage.

The product is chloride free hence its 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 mortar and screed, as this is a mortar admixture for waterproofing.

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

BENEFITS AND ADVANTAGES:

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

TECHNICAL INFORMATION

The physical and Chemical Properties

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

ENGINEERING SPECIFICATIONS:

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

ADDITIONAL ADVANTAGE:

Chemproof CWP has been modified 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 new generation Polymer added @ 1% for enhanced crack reduction and resistance to water borne chemicals.

DOSAGE:

1kg per 50 kg cement depending upon the required workability, prevailing temperature and humidity.

PACKING:

Packed in 10 kg bags.