



CLASSIC CRETETM RMW CRYSTAL POWDER

Integral Waterproofing Admixture for Concrete & Mortar

Product:

Classic Crete RMW Crystal Powder is a powder based integral waterproofing admixture conforming to IS - 2645

Description:

Classic Crete RMW Crystal Powder is a light yellow powder based on a selected naphthalene sulphonated condensates. Concrete however well made is to some extent porous and water must be prevented from penetrating through capillary pores. The presence of water must in hardened concrete can cause corrosion of reinforcement which is made by freezing and thawing of concrete containing absorbed moisture. Further deterioration can occur if the water penetrating the concrete contains dissolved aggressive salts.

It also provides protection against deterioration due to the pores, left by the slow evaporation of the excess water not taken up by hydration of cement.

It entrains a controlled amount of air which does not increase with the dosage. The risk of capillary suction is reduced by the induced air which blocks the pores. The plasticizing action of **Classic Crete RMW Crystal Powder** aids in producing denser concrete/mortar with greatly reduced permeability.

Purpose & Uses:

To produce dense concrete/Mortar with lower water absorption and reduced permeability.

Dosage:

0.5 Kg of **Classic Crete RMW Crystal Powder** per 50 Kg Cement.

Packing:

Available in 0,5,1,5 Kg Packs.

Typical properties :

Appearance : Light yellow powder
Chloride content : NIL
Air Entrainment : Up to 2% additional air

Permeability :

The permeability measurement as per BS 1881 : pat 5 : 1970 has been carried out on samples of mortar using **Classic Crete RMW Crystal Powder** to determine the waterproofing efficiency of classic crete RMW Crystal Powder .

Advantages :

- Watertight Structure – The permeability is decreased throughout the full depth of concrete.
- Greater protection of reinforcing steel, strength of the concrete is maintained.
- Chloride Free admixture.
- For all structural, precast concrete and mortar.
- Economical for mass concreting.
- Improved plasticity and cohesion aids easier placing, better compaction and finishing.

Uses:

For effective and permanent waterproofing of water retaining structure mass and reinforced concrete and precast concrete.

Storage Life :

Minimum one year if stored below 50 °C in original sealed containers. If allowed to stand long time, contents should be stirred before use .

Handling Precautions :

Classic Crete RMW Crystal Powder is an industrial chemical ingestion should be avoided. Any splashes on skin must be washed off with water. If contact with eyes occurs, wash with clean and seek medical advice

Instruction for use :

Classic crete RMW Crystal Powder should be added to the mix along with the gauging water to ensure uniform distribution. The water content can be reduced by 10 to 15% due to the plasticizing action of **Classic Crete RMW Crystal Powder**. The dosage rate is 0.15-0.25 L per 50 Kg cement. For waterproof structures, we recommend cement content of 300 Kg/m³.

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Variety of Products :

Following are other similar products from Primadonn Buildtech Pvt. Ltd .

- Classic Airent
- Classic Airent-3
- Classic Crete-AXL (CB)
- Classic Crete-AXL(CF)
- Classic Crete-RMW
- Classic Crete RPL
- Classic Mortar plasticizing
- Classic Ploy-Propylene fibres
- Classic Superflo-N
- Classic Superflo-SP
- Classic Superflo special



TAMILNADU

Corporate Office

PRIMADONN BUILDTECH PVT LTD

No. 349, First Floor, Srinivasa Nagar, Kavaripeetai, Gummidipoondy 601 206.

Ph+91-8220513172,

Admin Office:

No.605, Selva Vinayaga Nagar, Grant Lyon Village, Ponneri Tk., Thiruvallur Dt., Ph+91-6379174327, +91-8438276059.

Manufacturing Unit

No.603, Selva Vinayaga Nagar, Grant Lyon, Vadagarai, Chennai 600 052. Ph.+91-9444907177

KARNATAKA

Corporate Office:

PRIMADONN CONSTRUCTION CHEMICALS (P) LTD.,

No.603, Selva Vinayaga Nagar, Grant Lyon, Vadagarai, Chennai 600 052. Ph.+91-9444907177

KARNATAKA

Corporate Office:

PRIMADONN CONSTRUCTION CHEMICALS (P) LTD.,

Talacauvery Layout, Basavanagar, Bangalore 560 037. Ph.+9150878429, +91-9345411355.

PONDICHERRY

Branch Office

192/A, Chinna Subburaya Pillai Street, Near Vaikal Cutting, Puducherry 605 001. Ph.0413-4208833, 91-+9514709240

Distributor's

151, Chinna Subburaya Pillai Street, Near Vaikal Cutting, Puducherry 605 001. Ph.0413-2222100, 91-+9345561820

Email: Info@Primadonn.com, www.Primadonn.com

