



CLASSIC CRETE RMW (POWDER)

Integral Waterproofing Admixture for Concrete & Mortar

Product:

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

Description:

Classic Crete RMW (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 (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 (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 measurements as per BS 1881: Pat 5:1970 has been carried out on samples of mortar using **Classic Crete RMW (Powder)** to determine the waterproofing efficiency of **Classic Crete RMW (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 structures, 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 for a long time, contents should be stirred before use.

Handling Precautions:

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

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Instruction for Use:

Classic Crete RMW (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 (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.

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 Plasticizer
- Classic Plasto-Master
- Classic Poly-Propylene Fibres
- Classic Superflo-PC
- Classic Superflo-N
- Classic Superflo-SP
- Classic Superflo Special

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