

MAK PLAST LW+

[Integral Waterproofing Admixture for Concrete and Mortar]

Description:

Mak Plast LW+ is a liquid integral waterproofing concrete and mortar admixture formulated with highly purified Lignosulphonate and a catalyst which promotes rapid hydration of cement. It conforms to IS:2645.

Uses:

It is used to, minimize permeability and increase waterproofing properties of concrete and cement, sand, mortar for applications like roof, slabs, screeds and external plastering etc.

Features:

- Economical, easy to use.
- Reduces permeability and porosity which makes it a water-proofer.
- Concrete containing Mak Plast LW+ is resistant to water
- No corrosion of steel due to no added chloride.
- Increases compressive strength.
- Durable and convenient for both, concrete and mortar.
- It resists leakage/ seepage rise in concrete structures.

Effect of over dosage:

A severe over-dosage of Mak Plast LW+ will result in the following:

- a) Retardation of initial set.
- b) Increase in air entrainment.
- c) Decrease in workability

Application Procedure:

For concrete:

- 1) Mix cement, aggregates, sand and dry mix
- 2) Add 50-65 % of required water and mix the mass to make it moist
- 3) Add MAK PLAST LW+ to the remaining water and pour it in the mixing drum and mix the entire quantity for approx. 3 minutes to achieve homogenous mix.
- 4) Pour the mixture on a tray and use as per requirement and lay the concrete Cure as per normal procedure by ponding/ curing compound

For Mortar:

- 1) Mix cement, sand and dry mix
- 2) Add 50-65 % of required water and mix the mass to make it moist
- 3) Add Mak Plast LW+ to the remaining water and pour in the mixture
- 4) Mix the entire quantity for approx. 3 minutes to achieve homogeneous mixture.
- 5) Use as per requirement and lay the mortar.
- 6) Cure as per normal procedure by sprinkling with water/ curing compound.

Dosage:

Optimum dosage of Mak Plast LW+ is 200gm per 50 kg bag of cement.

Packaging:

Mak Plast LW+ is available in 1kg, 5kg, 10kg, 20kg and 200kg Pails.

Storage:

Store under cover, out of direct sunlight and protect from extremes of temperature. Failure to comply with the recommended storage conditions may result in premature deterioration of the product or packaging.

Disclaimer :

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.