

UNIPLAST LMP

LIQUID MORTAR ADMIXTURE FOR CONCRETE & PLASTER

UCA-LA-05-0722

DESCRIPTION

UNIPLAST LMP is a liquid mortar admixture for concrete and mortar. Specially designed for plastering purposes

UNIPLAST LMP is a special blend of polymers, surface active agents and reactive chemicals, which is used as an admixture for cement concrete, mortar and plasters.

It has plasticizing action along with workability enhancing in cement based products. Mortar containing UNIPLAST LMP have greater plasticizing property, durability and reduced drying shrinkage

USES

- ❖ UNIPLAST LMP is used to minimize permeability & increase the workability by the improving the plasticizing properties of concrete and cement-sand mortars
- ❖ UNIPLAST LMP used as a liquid admixture cum additive for sand- cement mix in any proportion such as rendering, pointing, laying etc.

ADVANTAGES

- UNIPLAST LMP imparts greater workability to mortars
- It retains the breathing efficiency of concrete and plasters.
- Less drying shrinkage
- Economical admixture as consumption is very low.
- It improves the plasticity and reduces the shrinkage crack development in concrete and plasters.
- Chloride free: Safe in reinforced concrete.

TYPICAL PROPERTIES

CALCIUM CHLORIDE CONTENT	None as per EN 934-1:2008
SPECIFIC GRAVITY	1.01 – 1.05 g/cc @ 25 °C.
CEMENT COMPATABILITY	Compatible with sulfate resisting and other Portland cements and high alumina cements
PACKAGING	5, 20, 200 Ltr, 1000 Ltr IBC and in Bulk Tanker

STANDARDS

UNIPLAST LMP meets the requirement of BS 4887, BS EN 934- 2:2009

INSTRUCTIONS FOR USE

DOSAGE

The optimum dosage for UNIPLAST LMP should be determined by site trials with the particular mortar mix under prevailing ambient condition.

As a guide the dosage is normally 100 - 300 ml per 50 kgs bag of cement

We provide **technical support service** on mix design, admixture selection, evaluation of trials, dispensing equipment etc. Please contact the Technical department in these cases.

It is a ready to use liquid, added into the concrete together with the mixing water. Add UNIPLAST LMP as per the recommended dosage in the water or along with water to the concrete or plaster mixer. After completion of mixing, concrete or plaster is ready for application.

The addition of UNIPLAST LMP to dry aggregates or cement is not recommended.

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CURING

As with all structural concrete normal curing methods apply.

CLEANING

Spillages of UNIPLAST LMP can be removed with water.

STORAGE & SHELF LIFE

UNIPLAST LMP should be protected from extremes of temperature. It has a shelf life of 12 months from the date of manufacturing. Store in a dry & shaded area in original packaging.

SAFETY PRECAUTIONS

UNIPLAST LMP is nontoxic. Any splashes to the skin should be washed immediately with water. Splashes to the eyes should be washed immediately with water and medical advice should be sought.

Fire: UNIPLAST LMP is non-flammable.

LIMITATION OF LIABILITY

This information is based on our current level of knowledge. It is given in a good faith but it is not intended to guarantee any particular properties. The users must satisfy themselves that there are no circumstances requiring additional information or precautions or the verification of details given herein.

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