



DURASPRED M

Mortar Plasticiser

Description :

DURASPRED M is a Liquid mortar plaster-cum waterproofing compound. It is most versatile in making smooth finish of plaster, render and screeds. Under normal situation most plastered surfaces develop cracks but **DURASPRED M** makes such plastered surfaces absolutely crack- free and water-resistant.

Standards :

It confirms to BS: 4887-1973, as mortar plasticiser.

Uses :

It is used as an excellent plastering aid for walls, brickwork, block work and as cement/sand renders, masonry mortar etc.

Features :

- ❖ Improves moisture retention and bond strength due to entrained air holding the cement/sand matrix at the contact surface.
- ❖ Improves impermeability of the mortar by breaking capillary channels through air entrainment and prevents the wall from dampness caused due to the ingress of water/wind borne rain water.
- ❖ Helps mortar to accommodate all thermal expansion/contraction movements through entrained air as cushioning/expansion chamber. As a result it does not allow the mortar structure to undergo cracking.
- ❖ Due to air entrainment property, it does not allow the mortar to develop excessive strength as compare to an unplastered mortar, air entrainment results in some loss of strength, as the same quantity of cement binder is being used to cement of a large volume of mortar. So plastered mortar has lower material cost.
- ❖ No significant effect on the setting and hardening properties of mortar.
- ❖ No chemical reaction with the mortar or its constituents. No Colour change on the hardened mortar.
- ❖ Improves harsh sand mixes through increase in cohesion of mortar mixes imparting improved trowel ling/workable properties of the mix. Mortar never segregates. Smooth finished adds on the aesthetic value.
- ❖ It makes mortar crack-resistant while stressing on mortar hardening occurs. Most important property.
- ❖ Mortar becomes freeze/thaw proof-no cracking takes place.
- ❖ It eliminates the use of lime and saves storage cost/space and failure due to sound lime.

Application:

DURASPRED M should be added to cement/sand mixture with gauging water. Please do not add to dry cement/sand mix. While mixing by hand, increased dosage may be required for extremely high quality masonry mortar.

Technical Data :

Form	: Liquid
S. G. at 27 ⁰ C	: 1.03 ± 0.02
Chloride	: Nil (If it is found in trace that may be due To town supply water)
Compatibility with cement	: All Portland cements
Compatibility with Admixture	: With all Duraspred Admixture.
Dosage	: 100ml per 50 kg cement. This is equivalent To 6.55 ltrs per 160 ltrs of gauging water.
Coverage	: 4 to 6ml per m2 for 1 cm thickness of Mortar.
Shelf Life	: 12 months if kept in original packing under shed.
Storage	: Keep it in a cool place.
Packing	: 5 Kg, 25 Kg & 200Kg..
Health & Safety	: Non-toxic. Non-flammable. Eco-friendly

IMPORTANT: Though the product may change with some code as suffix or addendum to the principal or original name out of some minor adjustment and fine tuning in the formulation due to our continuous research and development but shall exhibit the stated properties with more improvement.

WARRANTY: Our high potency products are manufactured under stringent National/International Quality Standard specifications and guaranteed against any manufacturing defect. Suggestions and recommendations are made here based on our most practical experience and exposure over 25 years in the field and are believed to be most appropriate and correct BUT no liability can be accepted by us, as the conditions of use of such products are beyond our control.

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