

CAPMORT

A MORTAR PLASTICIZER

DESCRIPTION

CAPMORT is a resin based, chloride-free mortar plasticizer and air entraining admixture.

FEATURES

By using CAPMORT the water/cement ratio can be decreased while the mortar workability is kept constant. The capillary structure of mortar will be reduced and water tightness as well as tensile and compressive strengths will be increased, due to the reduction of excess water evaporation.

STANDARDS

CAPMORT complies with the specifications of BS 4887.

USES

CAPMORT can be used for:

- Manufacturing mortar for plaster works and masonry.
- Preventing mortar crumbling.
- Increasing adhesive ability and smoothness of plaster surfaces.
- Obtaining a firm bond and continuous mortar joint in masonry.

ADVANTAGES

- Better mortar workability with decreased tendency to segregation.
- Excellent resistance to freeze thaw cycles and de-icing salts.
- Increased impermeability thereby increased durability.
- Reduction in fine sand requirement due to entrainment of micro air bubbles.
- No efflorescence in case of over dosage.
- Non corrosive to iron.

TYPICAL PROPERTIES

Appearance:

Dark Brown liquid.

Specific Gravity:

About 1.040 at 25°C.

Solubility:

Soluble in water.

Compatibility with cement:

Compatible with all types of cement, except high alumina cement.

Compatibility with other admixtures:

Compatible with other Ahlia admixtures, provided they are added separately to the mix.

Shelf life:

At least 18 months at normal ambient temperature.

DIRECTIONS FOR USE

CAPMORT is supplied ready for use. It should be added to the mix along with the mix water.

Dosage:

It is recommended to use a dosage rate of 0.5 to 1.0 liter per 1000 kg of cement (25 to 50 ml per 50 kg. of cement). The exact dosage will depend on the type of cement, proportion of fine sand, mixing procedure, the compaction method used and on the desired quantity of entrained air.

Dispensing:

CAPMORT can be added undiluted to the mixing water. However, in order to achieve a uniform blend, it is recommended to dilute it prior to mixing.

Overdosing:

Leads to excessive air entrainment and reduction in compressive strength.

SAFETY PRECAUTIONS

CAPMORT is non toxic and non-hazardous. Splashes to eyes should be washed immediately with abundant water.

PACKAGING

CAPMORT is supplied in 205 liter barrels and 20 liter pails.

STORAGE

Preferably store in sealed conventional containers, protected from extreme weather conditions.

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TECHNICAL SERVICE:

Our Technical Service Department is available at any time to advise you in the correct use of this product or any other Ahlia products.

Note : The information presented herein is based on the best of our knowledge and expertise for which every effort is made to ensure its reliability. Although all the products are subjected to rigid quality tests and are guaranteed against defective materials and manufacture, no specific guarantee can be extended because results depend not only on quality but also on other factors beyond our control.

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