

CAT. NO. ADM-07-2403

ISOLA MP

Mortar Plasticizer

ISOLA MP is an air entraining, plasticizing admixture for plaster mortars. It is used as a plasticizer and workability enhancer for cement-sand mixes in any proportions. Mortars containing ISOLA MP have greater workability, durability as well as reduced drying shrinkage.

ADVANTAGES

- Imparts greater workability to mortars. Reduces segregation.
- Mortars are more durable.
- Less drying shrinkage.
- Increase mortar yield by as much as 20%.
- Improves bond strength, retains more mixing water.
- Coarser sand can be used without affecting workability.

SPECIFICATION

ISOLA MP conforms with the requirements of ASTM C1384-18e1.

APPLICATIONS

ISOLA MP is used as an additive in preparing sand-cement mixes in any proportions, e.g. pointing, rendering, block/brick/ laying etc.

COMPATIBILITY

Cement - **ISOLA MP** is compatible with any type of Portland cement.
Admixtures – Compatible with **ISOPLAS BT, GN, and PS**.

SETTING TIME

No appreciable effect on cement setting time.

DOSAGE

ISOLA MP is added at the rate of 0.15 to 0.35 liters per 50 kg. cement. Dosage will generally depend on the type of sand used. Coarser sand will require more MP than finer sand. **ISOLA MP** is first added to one-third (1/3) part of the mixing water which is then added to the cement-sand mix. Additional water is then added to the desired consistency. **ISOLA MP** should not be added directly to the dry ingredients but should be pre-diluted with water.

OVERDOSING

Overdosing will result in increased air entrainment. Trial mixes should be carried out to determine optimum dose.

PACKING

ISOLA MP is packed in 20-liter pail and 210 liter drum.

HEALTH/ SAFETY

ISOLA MP is mildly alkaline. Always wear protective hand gloves when handling. If accidentally splashed on the eyes, wash thoroughly with clean water and seek medical attention. Refer to MSDS for more information.

SHELF LIFE

Twelve months in original container stored in warehouse condition.

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Technical information, data are to be considered as typical values and not sales specification. Actual measured values may vary due to factors beyond our control. Indications concerning function and application of the products are empirical. Although the information is believed to be accurate, there is no warranty by ISOLA. None of the recommendations becomes part of the warranted quality of the products. Due to the fact that the conditions of individual use are beyond ISOLA's direct and continuous control, ISOLA disclaims all responsibility in connection with the use of its products and does not warrant against any loss direct or consequential

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