

MASTERPLAST BS 3

PLASTICISER FOR CEMENT CONCRETE BLOCKS AND SEMIDRY MIXES

DESCRIPTION

MASTERPLAST BS-3 is chloride free water reducing admixture, formulated specially for applications in concrete block industry. It is effectively used to improve the quality of hollow blocks, paving blocks, etc.

FEATURES / ADVANTAGES

- It improves the cohesion and hence it imparts excellent finish.
- It improves strength at same cement concrete.
- It can be effectively used as a cement saver.
- It gives low density and gives more yields.
- It reduces green stage breakages.
- It can be used with all standard cement types.

TYPICAL APPLICATIONS

- In concrete block industries, for manufacturing concrete blocks like hollow blocks, solid blocks, paving blocks etc.
- In very low cement content, very harsh mixes, it improves cohesion and can be used at low dosage.
- It can be used in semi-dry mixes.

TYPICAL CHARACTERISTICS

- Nature : Single component, liquid
- Color : Light Brown to Yellow Low Viscous Liquid
- Relative Density at 25⁰C : 1.000 ± 0.02 gm./cc
- pH value : 10.2
- Air entrainment : Approximately 1% additional air over control concrete mix.
- Chloride Content : Nil, According to IS 6925

DIRECTIONS FOR USE

It can be used for all cement types. The required quantity should be added to the gauging water before mixing with the concrete dry mix. The concrete should be mixed at least two minutes after addition of Masterplast BS-3.

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DOSAGE

Normal dosage range is 0.20 to 0.40 liter/50 kg of cement. The optimum dosage and compatibility of the admixture with the locally available materials has to be ascertained by proper site trials. As an over dose of MasterPlast BS-3 will give high retardation as well as delayed setting time.

CLEANING OF TOOLS AND EQUIPMENTS

Tools and equipment's can be cleaned with water.

STORAGE AND SHELF LIFE

Store the material at cool and dry place (preferably at 30°C temp). Store under cover out of direct sunlight & protect it from extreme temperatures.

Shelf life is 1 year from the date of manufacture when stored in original sealed packaging.

PACKING

1 liter, 5 liter, 20 liter and 200 liter

PRECAUTIONS

MasterPlast BS-3 is non-toxic, avoid contact with skin, any splashes into the eyes should be washed well with water & take medical advice.

DISCLAIMER

The above information and details herein are based on the tests conducted & experience on application and usage. The user is advised to carry out the test and take trials to satisfy on the suitability of the products and meeting his requirement considering the prevailing conditions prior to apply/ using it on larger area. As the conditions under which the products are used or transported are beyond our control. We would not hold ourselves responsible on its consequential non performance.