

MASTERCURE WB 3

WATER BASED CLEAR CONCRETE CURING COMPOUND

DESCRIPTION

MASTER CURE-WB-3 is a single component low viscosity wax emulsion which incorporates a special alkali reactive emulsion breaking system. It is supplied as a white colored emulsion which forms a clear film after drying. This system ensures that the emulsion breaks down to form a non-penetrating continuous film immediately upon contact with a cementitious surface. This impervious film prevents excessive water evaporation which in turn permits more efficient cement hydration, thus reducing the early water loss from concrete and increasing durability. Once formed the membrane will remain on the concrete surface until eventually broken down and eroded by natural weathering. When required to apply a further treatment to such concrete surface, it may be necessary to remove the membrane remaining after curing by wire brushing or other mechanical means. Mastercure WB-3 should be spray applied to the surface of fresh concrete.

FEATURES/ ADVANTAGES

- Single application : It forms moisture barrier for the curing period
- Ensures hard wearing surface : It minimizes risk of drying shrinkage cracks and dusty surface
- Reliable : no risk of erratic or poor curing and ensures that a cement hydrates efficiently
- Easy and safe spray application : Non toxic and non flammable

TYPICAL APPLICATIONS

- Industrial floor slabs
- Exterior pavements
- Wall and columns
- Parking and garages
- Terrazzo floors
- Warehouses
- Dry shake hardened floors etc.

TYPICAL CHARACTERISTICS

- Nature : single component liquid

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- Color : White
- Specific gravity 20°C : 0.980 + 0.02 gm./cc
- Minimum application temp : 5°C
- Standards : ASTM C 309 Class A Type 1 & BS 7542

DIRECTIONS FOR USE

EXPOSED CONCRETE SLABS: it should be spray applied onto the slab on the newly placed concrete as soon as possible after the concrete is free from visible surface water. e.g. typically ½ an hour to 2 hrs after placing.

SHUTTERED AND PRECAST CONCRETE: It should be spray applied to all surfaces as soon as formed work has been removed or the element demoulded. In all cases the nozzle of the spray should be held approximately 450 mm from the concrete surface and should be passed back and forth to ensure complete and even coverage. The pump pressure should be maintained at a level to produce fine spray. Rate of application depends on requirements but is typically within the range of 4.0 to 6.0 sq. mtr. /liter

CLEANING OF TOOLS AND EQUIPMENTS

Immediately after use the spray equipment's should be cleaned out thoroughly with fresh water. If the spray nozzle becomes blocked with wax particles these can be easily removed using white spirit or similar solvents.

STORAGE AND SHELF LIFE

6 Months when stored at temperatures between 4⁰ C to 35⁰C container should be kept air tight to prevent surface evaporation.

PACKING

5 liter, 20 liter, 200 liters containers

PRECAUTIONS

It is non toxic. It is advisable to wear goggles while spraying. Inhalation of the spray should be avoided, when it contact with skin, should be washed thoroughly with plenty of water.

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

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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.