

MASTERCURE RB 3

CLEAR RESIN BASED CONCRETE CURING COMPOUND

DESCRIPTION

MASTERCURE RB 3 is a liquid membrane forming concrete curing compound formulated from synthetic resin. It is a single component low viscous liquid. It prevents water loss from concrete when it is applied over green concrete surface. It is suitable for spray application to freshly poured concrete. The resultant film retains sufficient moisture in the concrete to ensure full hydration of the cement, essential for the optimum strength development.

FEATURES / ADVANTAGES

- Can be easily applied by spray, roller or brush.
- Reduces incidence of drying shrinkage.
- Ensures achievement of desired strength.
- High curing efficiency.
- Reduces dusting.
- Increases frost resistance.
- Reduces labour cost as it is spray applied.

USAGE

- Highways
- Runways
- Canals, retaining walls
- Roof decks
- Industrial floor slabs, walls and columns
- Warehouses, terrace floors

TECHNICAL INFORMATION

CHARACTERISTICS

Nature	: single component liquid.
Type	: off-white to yellowish liquid
Color & appearance	: Yellowish to brown liquid
Specific gravity at 30°C	: 0.810 ± 0.020 gm. /cc
Water retention test	: passes
Standards	: ASTM C309 type 1 class B & BS 7542

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DIRECTION FOR USE

1. APPLICATION

Master cure-RB-3 has been designed for spray application over the freshly laid concrete once the visible surface water has evaporated from green concrete surface. e.g. typically 30 to 120 minutes after placing the concrete. A thin layer of Master cure-RB-3 is applied to the whole concrete surface using a powder driven equipment, for small areas hand operated spray gun can be used. Ensure uniform application. The pump pressure should be maintained at a level to produce fine spray. Allow the product to dry 4 to 6 hrs before exposure to foot traffic. Protect the applied area from rain for at least 2 to 4 hrs.

2. COVERAGE

The rate of application depends on requirements but is typically within the range of 0.1 to 5- 7 Sq.mtr / lit. depending on wind humidity and temperature.

CLEANING OF TOOLS EQUIPMENTS

Immediately after use the spray equipment should be cleaned out thoroughly with Masterklean SOL, xylene or petrol.

STORAGE AND SHELF LIFE

It has a shelf life of 6 months. Containers should be kept airtight to prevent surface evaporation. Keep away from sources of heat.

PACKING- 5 liter, 20 liter, 200 liter Containers

PRECAUTIONS

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 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.