

## MASTERCURE RB 2M

### ALUMINIZED SYNTHETIC RESIN BASED CONCRETE CURING COMPOUND

#### DESCRIPTION

**MASTERCURE RB-2M** is a single component low viscous liquid. It is a film forming curing compound formulated from synthetic resins. 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 optimum strength development.

#### FEATURES / ADVANTAGES

- Can be easily applied by spray/ roller or brush
- Reduces incidence of drying shrinkage
- Ensures achievement of desired strengths
- High curing efficiency enhances cement hydration & provides more durable concrete
- Reduces dusting
- Reduces labour costs as it is spray applied
- Solar refractive

#### TYPICAL APPLICATION

- Highways
- Runways
- Canals, Retaining walls
- Roof decks
- Industrial floor slabs, walls and columns parking garages, warehouses, terrazzo floors etc.
- Horizontal or vertical concrete, interior or exterior concrete.

#### TYPICAL CHARACTERISTICS

- Nature : Single component liquid
- Type : Resin based compound with aluminum pigments
- Color & appearance : Aluminized turbid resinous free flowing liquid
- Specific Gravity @ 30°C : 0.950 ± 0.02 gm./cc
- Water retention test : Passes
- Standards : ASTM C309 – Class B and BS 7542

#### DIRECTION FOR USE

1. **STIR WELL BEFORE USE** – Stir the Mastercure RB-2M liquid thoroughly before use. Ensure the aluminum pigments present in the liquid is homogeneously dispersed before the material is applied.

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2. **APPLICATION** – Mastercure RB-2M has been designed for spray application over the freshly laid concrete once the visible surface water has evaporated from the green concrete surface i.e. typically 30 to 120 minutes after placing the concrete. A thin layer of Mastercure RB-2M is applied to the whole concrete surface using a power driven equipment's. For small areas hand operated spray gun can be used. Ensure uniform application. The pump pressure should be maintained level to produce fine spray. Allow the product to dry 4 to 6 hours exposure to foot traffic. Protect the applied area from rain for at least 2 to 4 hours.
3. **COVERAGE** – The rate of application is in the range of 5 to 6 sq. mtr per ltr depending on wind humidity and temperature.
4. **CLEANING OF TOOLS AND EQUIPMENTS** –
  - i. Immediately after use the spray equipment should be cleaned out thoroughly with "Masterklean SOL" or xylene.
  - ii. Spraying nozzle should be clean properly with solvent & spraying gun should be dipped in solvent, when it is not in use, so that aluminum or resin will not become hard at the opening of the nozzle & creates the problem in spraying of the curing compound.

### STORAGE AND SHELF LIFE

It has a shelf life of 6 months. Containers should be kept airtight & in sealed condition to prevent any reduction in shelf life Store the material below 35°C temperature. Freezing & exposure to heat & direct sunlight should be avoided.

### PACKING

5 liters, 20 liters and 200 liters

### PRECAUTIONS

It is advisable to wear goggles while spraying. Inhalation of spray should be avoided. When it contacts with skin, should be cleaned immediately. Seek medical advice in case of contact with eyes. Keep away from heat sources as it is flammable.

### 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.