

# MARKCURE WB 116

Water Based Concrete Curing Compound



## DESCRIPTION

**MARKCURE WB 116** is a solvent free, membrane forming wax emulsion, 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. Membrane cured concrete is typically harder and exhibits a dust free surface with a reduced incidence of drying shrinkage cracks.

## FEATURES / ADVANTAGES

- Eliminates the need for water
- Promotes a harder dust free surface
- Single Application
- Cured film is clear and water repellent
- Reduces drying shrinkage
- High curing efficiency
- High curing efficiency
- Nontoxic and Water Based

## TYPICAL APPLICATIONS

- More effective and economical alternative to hessian and water and polythene curing regimes. Suitable for use on all concrete surfaces.

## TYPICAL CHARACTERISTICS

- Nature/Appearance : Single component, clear, tack free, water repellent film
- Color : White Liquid
- Relative density : 1.00

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## SPECIFICATION COMPLIES

- AASHTO M-148 Type 1 Class A
- ASTM C309 Type 1 Class A

## DIRECTIONS FOR USE

### METHOD FOR USAGE

The compound should be spray applied as evenly as possible on to the freshly placed concrete.

For horizontal surfaces MARKCURE WB 116 should be applied as soon as the initial surface sheen has disappeared from the concrete surface. In the case of formed concrete, the MARKCURE WB 116 should be applied immediately on removal of the formwork. To assist breakdown of the MARKCURE WB 116 film on vertical and formed surfaces, it is essential to dampen down the concrete with clean water prior to application.

### COVERAGE

The recommended rate of application is 5-6 square meters per litre. This corresponds to that at which MARKCURE WB 116 has been tested, and at which it attains the claimed degree of curing efficiency. In favorable conditions such as shaded interior surfaces, adequate curing can be achieved with extended coverage rates.

### FILM BREAKDOWN

The time for deterioration of the membrane is dependent on a number of variables, which include film thickness, degree of exposure to weathering, traffic, UV light, and the porosity of the substrate concrete.

### STORAGE AND SHELF LIFE

Store the material cool and dry place (25°C. Temp). Shelf life is 6 months when materials are stored in unopened containers as per recommended storage conditions.

### PACKING

210 Litre Drums Only

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## PRECAUTIONS

As with all chemical products, care should be taken during use and storage to avoid contact with eyes, mouth, skin and foodstuffs. Treat splashes to eyes and skin immediately. If accidentally ingested, seek medical attention. Reseal containers after use. Use in well ventilated areas and avoid inhalation.

## 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 nonperformance.