

MonniCure W

Wax Based Concrete Curing Compound

Product Description

MonniCure W is a wax based emulsion concrete curing compound. Single component and is ready to apply on freshly poured concrete to prevent rapid evaporation of water.

The resultant film allows high curing efficiency to be maintained even in conditions of intense ambient light. The Solvent-free membrane forming wax emulsion retains sufficient moisture in the concrete to ensure full hydration of the cement.

Uses

MonniCure W is suitable to use for all types of concrete surfaces such as:

- ▶ Factory floors and warehouses
- ▶ High rise buildings
- ▶ Floor slabs and columns
- ▶ Multilevel parking decks
- ▶ Driveways and parking areas
- ▶ Industrial flooring
- ▶ Ports
- ▶ Airport hangars
- ▶ Self-curing primer systems and subsequent coverings

Advantages

- ▶ High curing efficiency
- ▶ Cured film is clear and water repellent
- ▶ Water based. Eco-friendly
- ▶ Solar reflectant
- ▶ Creates a dust free, hard wearing surface
- ▶ Eliminates the need for water curing
- ▶ Reduces surface cracking and shrinkage
- ▶ Reduces labor costs

Usage Instructions

Pre-application

MonniCure W should be gently stirred immediately before use to ensure even dispersal of the pigment.

Application should not begin until concrete is free from surface water and should not commence if bleed water is apparent on the concrete surface.

For horizontal surfaces MonniCure W should be applied as soon as the initial surface sheen has disappeared from the concrete surface. Any trace of laitance, grease or loose materials should be removed.

It is essential to dampen the concrete with water prior to application.

Application

MonniCure W should be applied as evenly as possible to the freshly place concrete at a rate of 5m²/liter. During unfavorable conditions such as high temperature or windy seasons, rate of application might be increased.

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Motorized or knapsack spray equipment which produces a fine spray is recommended for use of MonniCure W.

The time for the deterioration of the membrane is dependent on a number of factors such as film thickness, degree of exposure to weathering and traffic.

Subsequent Finishes

MonniCure W is compatible to a variety of finishes including:

- ▶ Various polymer modified repair mortars

- ▶ EPOXY RESIN coatings which do not rely on penetration for substrate bond
- ▶ Water-based emulsion paints
- ▶ Bituminous emulsion
- ▶ Paints based on PVA, acrylic co polymers

It is recommended that an onsite bond test is carried out to determine absolute suitability.

Cleaning

Equipment and tools used should be cleaned promptly with water

Technical Data

Category	Typical Values
Appearance	White emulsion which forms a clear film on drying
Density	1.02 Kg/L @ 25°C
Drying film	Clear, tack free
Efficiency –White Pigmented	>80%
Flash Point	Nil

All values are subject to 5-10% tolerance

Standards Compliance

- ▶ ASTM C 309, Type I, Classes B
- ▶ BS7542
- ▶ BS 8110, Part 1

Legal disclaimer

Monneli endeavors to ensure that any advice, recommendations, information it may give, is accurate and correct. It cannot accept any liability either directly or indirectly arising from the use of its products, because it has no direct or continuous control over where or how its products are applied, whether or not in accordance with any advice, specification, recommendation or information given by us. Monneli has the right to change any of the specifications mentioned in the Technical data sheets upon its discretion without prior notification. Hard copies of TDSs are printed once or twice a year, while our technical data sheets are continuously being updated as per R&D improvements and new 3rd party testing; kindly refer to our website for the latest updated TDSs.

Coverage

5-6 m² per liter, depending on concrete surface condition

Packaging

MonniCure W is packed in 20 liters and 210 liters drums

Recommendations

- ▶ MonniCure W should only be applied in well ventilated areas
- ▶ MonniCure W should not be applied during rainy days
- ▶ Do not dilute or mix BETOCURE W with other products
- ▶ MonniCure W should not be applied during high temperature conditions in direct sunlight. These conditions cause rapid evaporation, which does not allow the film to form properly
- ▶ Concrete containing calcium chloride will look dark when treated with MonniCure W

Health and Safety

MonniCure W does not fall into hazardous classification of current regulation. However, it should not be swallowed or allowed to come into contact with skin or eyes in either spray or bulk form.

Splashes on the skin should be removed with water. In case in contact with eyes, rinse immediately with water and seek medical attention.

If swallowed, seek medical attention immediately. Wear suitable protective clothing, gloves and goggles.