

MAXCURE[®] CC 75

Wax Based Concrete Curing Compound



Maxcure[®] CC 75 is a white, low viscosity wax emulsion which incorporates a special alkali reactive emulsion breaking system. 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 shrinkage and increasing durability.

Once formed, the membrane will remain on the concrete surface until eventually broken down and eroded by natural weathering. Where it is 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.

The use of curing membranes on internal floor slabs is generally to be avoided where additional surface finishes are to be applied. Maxcure[®] CC 75 is however ideal where the concrete surface of a floor slab is to be left as 'finished'.

Uses

- For spraying on freshly cast concrete, or newly exposed concrete surfaces after removal of form work, to form a temporary membrane which will retain sufficient moisture for effective curing to take place.
- Used for concreting generally but especially useful for large areas of concrete such as pavements, runways and bridge decks; also for vertical or sloping surfaces as on towers, chimneys, canal linings, columns and beams, where water curing is difficult or unreliable.

Benefits

- **Single Application:** Forms moisture barrier for whole of the curing period.
- **No other curing necessary:** Eliminates use of water, hessian or sand, completely.
- **Reliable:** No risk of erratic or poor curing and ensures that cement hydrates efficiently.
- **Ensures hard-wearing surface:** Minimizes risk of drying shrinkage, cracks and dusty surfaces.
- **Easy and Safe Spray Application:** Non-toxic and nonflammable.

Technical Support

Thermax offers technical support service to specifiers, end users and contractors, as well as onsite technical assistance in locations all over the country.

Standards Compliance

Maxcure[®] CC 75 complies with the internationally recognized ASTM C309-90 standards.

Properties

| | |
|---------------------------------|--------------|
| Specific Gravity | 1.01-1.03 |
| Colour | White Liquid |
| Minimum Application Temperature | 10°C |

Instructions for Use

Application

Exposed Concrete Slabs: Maxcure[®] CC 75 shall be spray applied on to the newly placed concrete slab as soon as possible after it is free from visible surface water, e.g. typically 1 to 2 hours after placing.

Shuttered and Precast Concrete: Maxcure[®] CC 75 product should be spray applied to all surfaces as soon as formwork has been removed or the element demoulded.

In all the cases the nozzle of the spray should be held approximately 450mm 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 a fine spray ensuring complete coverage of the surface.

Rate of application depends on requirements but is typically within the range of 200 to 285 ml/m².

Equipment

The preferred and generally used equipment is a knapsack sprayer of the type commonly used in horticulture or pest control. The ideal type is a knapsack sprayer with a capacity of between 5 - 10 litres fitted with a 2.0m lance and adjustable spray nozzle.

Equipment Cleaning

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

MAXCURE[®] CC 75

Health & Safety Instructions

Maxcure[®] CC 75 is non-toxic. It is advisable to wear goggles when spraying. Inhalation of the spray should be avoided. Should skin contact with the compound occur it shall be washed with clean water and a skin conditioning cream shall be applied. If the product comes in contact with eyes it shall be washed with clean water. If irritation persists, immediate medical attention shall be sought. If the compound is swallowed, vomiting should not be induced and medical assistance shall be obtained immediately.

Fire

Maxcure[®] CC 75 is water based and non-flammable.

Storage

Maxcure[®] CC 75 has a shelf life of 6 months when stored at temperatures between 5°C and 35°C. Containers should be kept airtight to prevent surface evaporation. Freezing or prolonged exposure to direct heat or sunlight must be avoided.

Packing

Maxcure[®] CC 75 is available in 5, 20 and 210 litre drums.

Coverage

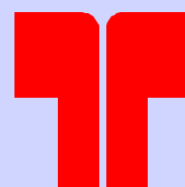
3.5-5m² per litre

Other Segments:

- Concrete Admixtures • Surface Treatments • Grouts & Anchors • Repair & Rehabilitation
- Protective Coatings • Industrial Flooring • Waterproofing • Sealants • Adhesives

Disclaimer: The information contained in this document is true and accurate to the best of our knowledge and is based on our experience & test results. It is always the Company's endeavor to give true and accurate information however as it does not have any direct and/or continuing control on the use of the Products, the Company cannot accept any liability, direct or indirect as a consequence of the use of Products. In the event of any doubt upon any critical parameter it is advisable to seek clarification from our technical representative.

We reserve the right to amend any product details without notice. Copyright © Thermax Limited Edition: (TCC/TDS/0420)



THERMAX

Thermax Limited
Environment House, Plot No.90-92
BG Block, MIDC, Bhosari,
Pune 411 026, India.
Tel: +91-20-67156000
Fax: +91-20-27120206
Customer Care: 18002090115 (India
toll free)
Email : enquiry@thermaxglobal.com

Ahmedabad

Tel: +91-79-26575408 • Fax: +91-79-65577270

Bengaluru

Tel: +91-80-22371721 • Fax: +91-80-22371726

Chennai

Tel: +91-44-24303400 • Fax: +91-44-24353841

Delhi

Tel: +91-11-46087200 • Fax: +91-11-26145311

Hyderabad

Tel: +91-40-23253700 • Fax: +91-40-23253799

Kolkata

Tel: +91-33-66070800 • Fax: +91-33-66070999

Mumbai

Tel: +91-22-67542222 • Fax: +91-22-22040859

Thermax World-wide

UK, USA, UAE, Germany, Belgium, Denmark,
Russia, Saudi Arabia, Thailand, Malaysia,
Bangladesh, Sri Lanka, China, Philippines,
Peru, Chile, Kenya, Nigeria, Brazil, Indonesia

Website: www.thermaxglobal.com

Thermax Business Portfolio

Chemicals

Absorption Cooling

Air Pollution Control

Boilers & Heaters

Power

Water & Waste Solutions

Solar