



**TechnoKem**  
tailor made

## Techno CureCrete WB

Liquid Membrane Forming Compound  
for Curing of Concrete

### Product Description

Techno CureCrete WB is a membrane forming, ready to use, white colour emulsion of specially blended synthetic waxes, complying with ASTM C 309-86, BS-8110 Part – I, Clause 6.6 3C, BS – 7542, AAS TO M -148 Type D. Common method of curing such as, continuous spraying of water on concrete surface and ponding etc., are inconvenient and is also expensive. Evaporation of water from concrete will deprive it of its much needed water for hydration resulting in capillary pores, lower compressive strengths, chipping off on the surface and development of surface cracks. Liquid membrane-forming curing compound is used on the principle that concrete gets enough water for uninterrupted hydration after placement.

### Uses

For application on freshly cast concrete on newly exposed concrete after removal of formwork, to form a temporary membrane which will retain sufficient moisture for effective curing to take place. This membrane eventually break down and disintegrate after which the surface can be painted. It is useful for large areas of concrete such as pavements, runways, bridge decks and industrial floors. It is also used vertical or sloping surface as a chimneys, towers, soils, canal lining, columns and beams where water curing is difficult or unreliable.

### Advantages

- Single coat forms moisture barrier for whole of curing period.
- No other curing necessary.
- No risk of erratic or poor curing and ensures cement hydration efficiently.
- Minimizes risk of drying shrinkage, cracks and dusty surface.
- Protection against a “burning” of the fresh concrete surface which is exposed to strong solar radiation. It further protects concrete surface against influence of aggressive atmospheric conditions.
- Easy and safe application. Non-toxic and non-inflammable, does not cause health hazard, eco-friendly.

### Application Instructions

Techno CureCreteWB should be applied following the final finishing operation and immediately after the disappearance of water sheen from concrete surface. Do not apply Techno CureCrete WB when standing water is still present on concrete. If the concrete has already lost some of its surface water then it is recommended to fog down the surface before application of Techno CureCrete WB.

### Equipment

Low pressure sprayer, roller equipment are most preferred and generally knapsack sprayer commonly used in horticulture or pest control may be used. Thus an uniform coating is guaranteed. It should be made sure that the spraying is properly carried out to cover entire surface

### Technical Data

Colour	White
Form	Liquid
Specific Gravity	1.0± .02
Thinning	Not Required
Recommended Coverage	4-6 m <sup>2</sup> /litre
Drying Time	Approx. 90min. at 30 ° C
Toxicity	Non - Toxic

**Performance**

Exceeds requirements of ASTM C 309-86 for moisture retention in liquid membrane curing compound and reflectance test.

**Package**

Techno CureCrete WB is available in 5, 20 & 200 Ltrs Pack.

**Handling**

It is the non-toxic and non-inflammable does not cause any health hazard.

**Storage**

If kept in cool dry place and in an unopened container a shelf life for 12 months could be expected.

**Technical Service**

- Technokem has an advisory service on concrete mix design & application of right products at right place, can be contacted if assistance is required.
- Technokem maintains a technical division with highly qualified Technical Personnel to investigate and advise on subjects related to concrete and the Construction Industry.
- The Division will advise on the correct use and selection of right products at the right place.
- Technokem undertakes Consultancy Service for diagnosis and rehabilitation of distressed structures; undertakes / delegates jobs as a package for total waterproofing system with guarantee.

**Important:** Technokem products are guaranteed against defective materials and are sold subject to its standard terms and conditions of sale. It is the Customer's responsibility to satisfy themselves by checking with the Company whether the information is still current at the time of use. The customer must be satisfied that the product is suitable for the use intended. All products comply with the properties shown on current Technical Literatures. However, Technokem does not warranty or guarantee the installation of the products as it does not have any control over installation or end use of the product. All information and particularly the recommendation relating to application and end use are given in good faith.

**For Complaints/Suggestions:**

Please write to our Customer Care Executive at

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