



TufCure WB

Water Based Concrete Curing Compound

Uses

- As a spray applied membrane to retain moisture in concrete for effective curing
- Suitable for all general concreting applications of particular benefit for large area concrete surfaces, such as airport runways, roads and bridgeworks and for precast units.

Typical Applications & Advantages

- Reduces drying shrinkage and resultant cracking.
- Designed for use where water is scarce or not readily accessible.
- Increased durability through greater curing efficiency.
- Single component, easy to apply.
- High curing efficiency.

Standards Compliance

TufCure WB complies with the requirements of the following standards:
ASTM C 309 – 98a

Product Description

TufCure WB water based concrete curing compound is based on low viscosity wax emulsion concrete curing compounds containing an alkali reactive emulsion breaking system. The system forms a continuous non-penetrating film on cementitious surfaces preventing excessive water evaporation leading to more efficient cement hydration thereby reducing shrinkage and increasing durability.

Typical Properties

Appearance	: Turbid pale yellow liquid
Specific Gravity	: 0.99 @ 25±2°C
Non-volatile content:	12.2%

Technical Support

GIC provides a comprehensive technical support service to specifiers, end users and contractors and is able to offer on-site technical assistance.

Instructions for Use

TufCure WB should be spray applied as evenly as possible to the freshly placed concrete. Hold the nozzle of the spray approx. 500mm from the concrete surface and pass back and forth ensuring complete coverage. Maintain the pump pressure at a sufficient level to produce a fine spray. On horizontal surfaces, apply TufCure WB as soon as the initial surface sheen has disappeared from the concrete face. For formed concrete, apply TufCure WB as soon as formwork is struck. Rate of coverage will depend on particular circumstances but will generally be 5-6 m² / litre / coat.

Breakdown of the film will commence after approx. 30 days and will take up to 6 months for total disintegration to occur, dependent on factors such as porosity of concrete, weather conditions, film thickness etc. Where subsequent coatings are to be applied to the concrete, the residual TufCure WB may be removed by mechanical means.

Packaging & Storage

TufCure WB is available in 20 litre and 210 litre drums and it has a minimum shelf life of 12 months provided it is stored under cover, out of direct sunlight.

Health & Safety Precautions

TufCure WB does not fall into the hazard classifications of current regulations. However, it should not be swallowed or allowed to come into contact with skin and eyes. Suitable protective gloves and goggles should be worn. Splashes on the skin should be removed with water. In case of contact with eyes rinse immediately with plenty of water and seek medical advice. If swallowed seek medical attention immediately – do not induce vomiting.

For further information refer to the Material Safety Data Sheet available for this product.

Important note

GIC endeavors to ensure that the technical information contained herein is true, accurate and represents our best knowledge and





experience. No warranty is given or implied, as GIC has no control over the conditions of use and the competence of any labor involved in the application are beyond our control.

As all GIC technical data sheets are updated on a regular basis it is the customer's responsibility to check that the product is suitable for the intended application, and that the actual conditions of use are in accordance with those recommended.

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**Gulf International
Chemicals SAOG**

FACTORY & H.O.

P.O.BOX 132,

PC 124, Rusayl

Sultanate of Oman

Tel: +968 24446800

Fax: +968 24446808

Email:
gulfint@omantel.net.om

**Gulf International
Chemicals**

REGIONAL OFFICE

P.O BOX: 98175,

DUBAI,

UAE

Tel: +971 4 2583221

Fax: +971 4 2583220

Email:
gic_dxb@emirates.net.ae

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www.gicomman.com