

Technical Data Sheet - TDS



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RocCure WB

Water Based Low Viscosity Concrete Curing Compounds

PRODUCT DESCRIPTION

RocCure WB is a white, low viscosity wax emulsion which incorporates a special alkali reactive emulsion breaking system. The system forms a continuous non-penetrating film on cementations surfaces preventing excessive water evaporation leading to more efficient cement hydration thereby reducing shrinkage and increasing durability. 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.

APPLICATION AND USAGE

Function of **RocCure WB** , is 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. 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.

ADVANTAGES

- ▶ Highly effective moisture retention for complete hydration of cement
- ▶ Reduced chloride penetration due to hard , impermeable, dist free surfaces
- ▶ Forms moisture barrier for whole of the curing period.
- ▶ No other curing necessary
- ▶ Eliminates use of water, hessian or sand, completely.

DIRECTIONS FOR APPLICATION

Surface should be without free water standing. Do not dilute. Apply by low pressure spray as evenly as possible to the freshly placed concrete. For horizontal Surfaces apply as soon as the surface sheen as disappeared. On vertical and formed surfaces apply immediately the foarwork is removed.

Delaying the application of **RocCure WB** until the next day will allow considerable loss of moisture, reducing the effectiveness of the curing membrane.

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On dense and power floated concrete may not absorb **RocCure CL** readily as the surface is already sealed. Carry out the test

COVERAGE

4-6 m²/litre depending on surface texture and roughness.

TYPICAL PROPERTIES

Appearance	Clear liquid
Specific gravity ASTM D1475	0.1.01±0.02 @25°C
Curing efficiency BS 7542	+5°C to 65°C
Foam	Liquid
Drying time ASTM C309	< 20 mins
Component	Single
Chloride content	Nil

PACKAGING & STORAGE

RocCure WB is supplied in litre and 20 & 200ltr drums, factory quality controlled and pre-weighed units. Unopened units should be stored in shaded warehouses at less than 30°C; shelf life 18 months from date of manufacturing.

HEALTH & SAFETY

As with **CIL** products care should be taken to avoid contact with skin, eyes, mouth and foodstuffs. Treat splashes to eyes, and skin immediately, by thorough washing with clear water. RocFloor AL Harmful by inhalation, if swallowed and in contact with skin. Wear suitable gloves and eye/face protection.

OTHER INDUSTRIAL SURFACE TREATMENT PRODUCTS AVAILABLE FROM CIL.

- ▶ **CIL Release Agent WB-** Water based Anti-corrosive Concrete Shutter Release Agent
- ▶ **CIL SoilPlus-** Compaction and Soil Stabilization Aid
- ▶ **RocCoat SS-** Highly penetrative solvent based silane siloxane protective coating
- ▶ **RocCure AL-** Resin Based Aluminum Pigmented Heat Reflective Curing Compounds
- ▶ **RocCure DM-** Concrete Curing and damp Proof Membrane

Please read all information in the general guidelines, product data sheets, guide specifications and material safety data sheets (MSDS) before applying material. Published technical data and instructions are subject to change without notice. Contact your local Product representative or visit our website for current technical data and instructions.

Disclaimer

All guidelines, recommendations, statements, and technical data contained herein are based on information and tests we believe to be reliable and correct, but accuracy and completeness of said tests are not guaranteed and are not to be construed as a warranty, either expressed or implied. It is the user's responsibility to satisfy himself, by his own information and test, to determine suitability of the product for his own intended use, application and job situation and user assumes all risk and liability resulting from his use of the product. We do not suggest or guarantee that any hazard listed herein are the only ones which may exist. Neither seller nor manufacturer shall be liable to the buyer or any third person for any injury, loss or damage directly or indirectly resulting from use of, or inability to use, the product. Recommendations or statements, whether in writing or oral, other than those contained herein shall not be binding upon the manufacturer, unless in writing and signed by a corporate officer of the manufacturer? Technical and application information is provided for the purpose of establishing a general profile of the material and proper application procedures. Test performance results were obtained in a controlled environment and CIL makes no claim that these tests or any other tests, accurately represent all environments.

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