

Chemcure R90 W.B.

Water Based Concrete Curing Membrane

Description

A unique, environmentally friendly, water based concrete curing membrane of aqueous resin emulsion containing fine particles of hydrocarbon resin. Held in suspension by carefully selected emulsifiers, when applied to freshly placed concrete act as a curing agent with an efficiency in excess of 90%. In addition a solar reflective grade is available for exposed and warm installations.

Advantages

- Provides a labour saving method of ensuring all fresh concrete is cured properly, without the use of “ponding” techniques, or the continuous wetting of hessian stretched over the concrete surface.
- Aids concrete to attain maximum hydration, strength, durability and surface hardness.
- A single application only is required.
- Shrinkage associated with hairline cracking and crazing is greatly reduced in both vertical and horizontal applications.
- When used in accordance with the manufacturers instructions the material will disintegrate and flake off from the concrete surface over a period of months depending on the weather conditions and degree of exposure.
- Solvent free.
- Environmentally friendly and non-toxic.
- Complies with the requirements of ASTM C309-11.
- Complies with the requirements of HA 1027.

Application Instructions

On both vertical and horizontal freshly placed concrete apply Chemcure R90 WB at a rate of 4-6m² per litre. When applying, ambient temperatures should be above 5°C. Concrete power floating must be completed prior to the application of Chemcure R90 WB.

All equipment should be cleaned immediately after use with water.

Packaging

Chemcure R90 WB is supplied in 25 and 210 litre drums.

Chemcure R90 WB is available as Standard or Solar Reflective grades.

Storage

Material should be stored at normal temperatures and should not be allowed to freeze. Store above 4°C.

Health & Safety

Product Safety Data Sheets (SDS) are available from Nufins. SDS sheets are provided to help customers satisfy their safe handling, use and disposal needs as well as assist with any conformance requirements made locally by health and safety regulations.

SDS are continually updated to provide the very latest information to our customers. We therefore recommend contacting our head office to obtain the most recent and accurate SDS before handling and using any product.

Technical information

	Standard	Solar reflective
Appearance	Off-white	White
S.G.	0.98	0.98
pH	10	10
Flash Point	N/A	N/A
Coverage	4-6m ² Per Litre	4-6m ² Per Litre
Depth of Penetration	<10mm	<10mm
Curing Efficiency BS7542	92%	92%



Limitations

Chemcure R90 WB should not be applied if temperatures are below 5°C. For Chemcure R90 WB to perform correctly the application must be allowed to fully dry to form the curing membrane. In addition, if the application rates are not followed over application can hinder film formation.

Concrete surfaces treated with Chemcure R90 WB are not suitable for painting, screeding, rendering or application of sealants and adhesives unless the surface membrane has been removed.

Disclaimer

The information contained herein is to the best of our knowledge true and accurate and is given in good faith but without warranty. The user will be deemed to have satisfied themselves independently as to the suitability of our products for their own particular purpose. In no event shall Nufins be liable for consequential or incidental damages.

Users must always refer to the most recent issue of the Technical Datasheets, copies of which will be supplied on request.

Technical Support

Through our technical department and laboratories we can offer a comprehensive service to specifiers and contractors. Technical contacts are available to provide further information and arrange demonstrations.