

Chemcure R90 Aluminised

Concrete Curing Membrane

Description

This membrane is formulated with inert hydrocarbon resins and incorporates an aluminium flake pigment, to give maximum solar reflection. The resultant membrane offers excellent water retention efficiency in excess of 90 %, complying with ASTM C309.66 and the Highway Agency Spec. clause 1027.

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
- Only a single application 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
- Tested in accordance with BS 7542: 1992

Technical information

Appearance	Silver liquid
Curing efficiency	≥90 %
Coverage	4.5-6.0 m ² per litre
Specific gravity	0.86 @ 20°C
Flash point	47°C - ABEL
Freezing point	-15°C

Application Instructions

On horizontal freshly placed concrete spray Chemcure R90 Aluminised at a rate of 4.5 - 6.0 m² per litre immediately after compaction and when surface water has disappeared.

On vertical surfaces, thoroughly dampen with water after stripping, apply Chemcure R90 Aluminised at a rate of 4.5 - 6.0 m² per litre using Nufins Metal Spray Equipment. Clean equipment immediately after use with Chemcure Cleaner.

Packaging

Chemcure R90 Aluminised is supplied in 20 litre and 210 litre drums.

Storage

Chemcure R90 Aluminised is flammable; due precautions should be made when handling and storing this material.

The shelf life is 12 months when stored unopened in dry, normal conditions and away from direct sunlight. Keep out of the reach from minors and away from foodstuffs.

Chemcure R90 Aluminised vessels when left undisturbed can lead to the settlement of the flake, therefore mechanical agitation of containers or rolling of drums prior to use is recommended.

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.

Limitations

Concrete surfaces treated with Chemcure R90 Aluminised 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.