



Specialist Construction Supplies for Repair, Maintenance, Building & Infrastructure

Chemcure R90 Aluminium Data Sheet

Specification notes

Product: **Chemcure R90 Aluminium**

Supplier:

Arcon Construction Supplies
19-20 Prestwood Court
Leacroft Road
Warrington
WA3 6SB

Tel: **01925 852225**

Email: mail@arconsupplies.co.uk

Web: www.arconsupplies.co.uk

Call 01925852225 or visit [Arcon Construction Supplies](http://www.arconconstruction.com) website

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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.
- 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.
- Tested in accordance with BS 7542: 1992.

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.

Chemcure Cleaner is supplied in 5 litre and 20 litre containers.

Storage

Material should be stored at normal temperature, out of the reach of children and away from foodstuffs.

Health & Safety

When spraying Chemcure R90 Aluminised gloves and goggles should be worn. Any eye contact should be well washed with water and medical treatment sought. If contact with skin arises wash well with soap and water.

Limitations

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

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



Technical Support

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

