

# CHEMCURE R75/R90

## Concrete Curing Membranes

### Description

These membranes are formulated with inert hydrocarbon resins which give an excellent film and a water retention efficiency in excess of 75% and 90% respectively, complying with ASTM C309.66 and Department of Transport Specification for Highway Works clause 1027. Independent test reports are available upon request. Available in clear form and with an aluminium flake pigment to give maximum solar reflection.

### 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 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.

### Technical Information

|                   | <b>Chemcure R75</b> | <b>Chemcure R90</b> |
|-------------------|---------------------|---------------------|
| Appearance:       | Amber Liquid        | Amber Liquid        |
| Specific Gravity: | 0.81 @20°C          | 0.86 @20°C          |
| Flash Point:      | 47°C-ABEL           | 47°C-ABEL           |
| Freezing Point:   | -15°C               | -15°C               |

**Approved by Water Research Council for use with Potable Water.**

### Application Instructions

On horizontal freshly placed concrete spray Chemcure R at a rate of 4.5 - 6.0 m<sup>2</sup> per litre immediately after compaction and when surface water has disappeared. On vertical surfaces, thoroughly dampen with water after stripping, apply Chemcure R at a rate of 4.5 - 6.0 m<sup>2</sup> per litre using Nufins Metal Spray Equipment. Clean equipment immediately after use with Chemcure Cleaner.

### Packaging

Chemcure R is supplied in 25 and 200 litre drums. Chemcure Cleaner is supplied in 5 and 25 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 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 are not generally suitable for painting, screeding, rendering or application of sealants and adhesives unless the surface membrane has been removed.

### Technical Support

Through our technical department and laboratories we can offer a comprehensive service to specifiers and contractors.

Technical representatives are available throughout the UK to provide further information and arrange demonstrations.