

Product Data Sheet  
Edition 07.2008  
Identification No. RC - 3



## KEMCURE W

Acrylic, water-based, concrete curing compound

### Description

**KEMCURE W** is an acrylic, water-based emulsion, suitable for spray application to freshly poured concrete.

The resultant film retains sufficient moisture in the concrete to ensure full hydration of the cement; essential for optimum strength development. Membrane cured concrete is typically harder and exhibits a dust-free surface with a reduced incidence of drying shrinkage cracks.

### Where to use

As a more effective and economical alternative to Hessian and water and polythene curing regimes. Suitable for use on all concrete surfaces.

### Advantages

- eliminates the need for water
- Single application
- Reduces drying shrinkage
- High curing efficiency
- Reduced labour costs
- Water-based

### Typical properties

Appearance	White liquid
Specific gravity	1.00+/- 0.001
Flashpoint	Not applicable
Finished film appearance	Clear opaque film
Drying time ASTM C309	2 hours 15 minutes 25°C

### Standards

ASTM C309 Type 1 or 1-D Class A or B

### How to use

- The KEMCURE W should be spray applied as evenly as possible onto the freshly placed concrete.
- For horizontal surfaces, KEMCURE W should be applied as soon as the initial surface sheen has disappeared from the concrete surface.
- In the case of formed concrete, KEMCURE W should be applied immediately on removal of the formwork.
- Cement renders can be applied directly over KEMCURE W cured surfaces providing it is ensured there is no surface laitance, dirt, oil or grease on the surface.
- Surfaces must be well cleaned if they are left for long periods unprotected.
- KEMBOND A, SBR bonding materials must be utilised to bond subsequent finishes. Please refer to PROKEM's Technical Services Department for approved mix designs.
- If renders of greater thickness than 1cm are to be applied, bond tests should be carried out to determine the proposed bonding method and surface preparation that is required.

### Theoretical Coverage

The recommended rate of application is 0.20 -0.25Kg/m<sup>2</sup>.

### Packaging

KEMCURE W is available in 20 Kg pails and 200Kg drums

### Shelf life&Storage

Shelf life is up to 1 year when stored under cover, out of direct sunlight and protected from extremes of temperature.

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### Health and Safety

- Use gloves to avoid contact with skins.
- If skin comes in contact, wash immediately with soap and water.
- Do not use solvents.
- Eye contamination must be immediately washed with water, then seek medical treatment.
- Working areas should be well ventilated.

### Additional Information

PROKEM provides the construction industry with a comprehensive range of construction chemicals and specialty products answering the queries of modern engineers for trouble free durable structure. PROKEM designs tailor made products when there is critical applications that require specific requirements.

For our customer's satisfaction, PROKEM extends technical services to include after sales support to assist users in a proper handling of our products.