

Product Data Sheet  
Edition 07.2008  
Identification No. RC - 4

## KEMCURE

Concrete curing compound



### Description

**KEMCURE** is a brand name given to a range of formulated paraffin based curing compounds for spray on concrete surfaces to provide an effective and economical method of curing specially in hot climates. Complies with ASTM C 309 – 81 Type 1 class A

### Where to use

KEMCURE form a membrane on the concrete surface to reduce premature water evaporation of fresh concrete, without disturbance to the normal setting action, the concrete is then allowed to cure and achieve maximum properties.

### Advantages

- Reduce surface shrinkage and cracking.
- Enables concrete to hydrate more efficiently.
- Economical and time saving.
- Easy to apply.

### Properties

- KEMCURE form a paint like on the surface of the concrete, this enables the cement to hydrate more efficiently, eliminates the causes of shrinkage cracking and produces high compressive strength with a harder wearing surface to the concrete.
- KEMCURE films have a built in breakdown system causing the resin film to disintegrate by the action of ultra – violet light over a period of two to three months depending on weather conditions.

### Technical data

KEMCURE – 1  
General purpose pigmented curing efficiency of more than 90 %  
KEMCURE – 2  
Unpigmented version with a curing efficiency of more than 95 %

### How to use

KEMCURE is spray applied to the newly placed concrete. KEMCURE should be applied as soon as possible after the concrete has been surface finished i.e. trowel led, tamped or textured as required, but generally within 30 minutes or earlier if in conditions of hot sun or strong dry winds. The spray nozzle should be held approximately 450 mm from the surface and passed back and forth to effect complete coverage. The pressure on the pump must be maintained at all times to produce a fine spray.

Immediately after use the spraying equipment should be cleaned out specially the line and nozzle with white spirit. (In all cases Kemcure must be stirred well in packaging before use).

#### Caution:

On vertical surfaces or soffit of concrete, which may have partially dried out by being retained in shuttering, it is imperative that the concrete be well wetted down before applying the KEMCURE. If this is not done permanent staining will result

Do not apply KEMCURE to dry or semi dry concrete, to ensure the breakdown of the KEMCURE film, heavier coating must be avoided.

For the application of KEMCURE various types of spraying equipment can be supplied.

#### Theoretical Coverage:

4 – 6 m<sup>2</sup> /Kg.

#### Packaging:

Available in 5, 20 kg, 200 kg drums.

#### Storage:

One year when stored in accordance with manufactures instructions.

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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.