

Kemcure 30 D

Resin-Based, Transparent, Concrete Curing Compound

Description

Kemcure 30 D is a resin – based, transparent, curing compound of a solution of resinous solids in petroleum solvents. It is 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. **Kemcure 30 D** will form a film on concrete assembly which will eventually dissipate after the critical intermediate curing stage is completed, after 30 days, begins to naturally deteriorate upon regular exposure to sunlight and abrasion that's allow subsequent applications of materials as paint, coatings, or other finishing.

Standards:

Complies with ASTM C 309 – Type 1 or 1-D class A or B, BS 5742.

Where to use

- **Kemcure 30 D** as a more effective and economical alternative to hessian, water and Polythene. Curing regimes. Suitable for use on all concrete surfaces. It can be applied on vertical structural concrete surfaces subjected to air, water view and finishing treatments.
- **Kemcure 30 D** is used:
 - Driveways and walkways.
 - Surfaces subject to finishing treatments.
 - In high rise constructions to eliminate the requirement for water.
 - Interior and Exterior Walls.
 - Columns, beams and bridges.

Advantages

- **Kemcure 30 D** Forms an integral part of the concrete surface which assists long term curing and gives dust proofing properties.
- **Kemcure 30 D** provides the following **advantages:**
 - Reduces shrinkage and cracking of concrete surfaces.
 - Single application reduced labour costs.
 - Forms an efficient moisture barrier for optimum curing of concrete.
 - High curing efficiency.
 - Can be applied quickly and easily with conventional commercial spray equipment.

Properties

Appearance	Clear yellowish liquid
Specific gravity	0.87 ±0.01
Solid content	15-20 %
Application time	2 - 3 hours
Boiling point	154 °C
Environmental hazards	None
Application conditions Temperature	25 - 75 °C
Humidity	30 %

Application	<ul style="list-style-type: none"> • Uniformly apply Kemcure 30 D directly to the concrete surface by spray or roller at the rate specified. • In the case of formed concrete, Kemcure 30 D should be applied immediately on removal of the formwork. • Apply in a uniform film of Kemcure 30 D to the horizontal surfaces as soon as the surface water disappears and the surface will not be marred by walking workmen. • For floor areas, the curing compound must be removed prior to applying subsequent finishes. • After application of the Kemcure 30 D membrane, the surface should be left undisturbed for at least 3 hours. • Plastering can be applied over the material directly after removal of laitance, oil & grease. Bonding agents as Kembond SBR can be used in plastering • Do not apply Kemcure 30 D to dry or semi dry concrete, to ensure the breakdown of the Kemcure 30 D film, heavier coating must be avoided. For the application of Kemcure 30 D various types of spraying equipment can be supplied. • 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.
Cleaning	<ul style="list-style-type: none"> • Immediately after using Kemcure 30 D the spraying equipment should be cleaned out specially the line and nozzle with white spirit.
Theoretical Coverage	The recommended rate of application is 0.20 - 0.25 Kg/m ² .
Packaging	Kemcure 30 D is supplied in 4,18 kg. Pails or 180 Kg Drums
Shelf life & Storage	Shelf life at least 12 months, in original sealed containers, also it must be Protect from direct sunlight.
Health and Safety	<ul style="list-style-type: none"> • Kemcure 30 D is non-toxic if come in contact with skin. • 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.
Additional Information	<p>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.</p> <p>PROKEM designs tailor made products should there be critical application that requires specific properties rather than our main range. For our customer's satisfaction.</p> <p>PROKEM reserves the right to change the properties of its products.</p> <p>All orders are accepted subject to our current term of sale & delivery.</p> <p>Users must always refer to the most recent issue of the local product data sheet for the product concerned, copies of which will be supplied on request.</p> <p>PROKEM extends technical services to include after-sales support to assist users in the proper handling of our products.</p>