

Kemcure W 101

Acrylic, Water-based, Concrete Curing Compound

Description	Kemcure W 101 is a blend of the finest acrylic water-based emulsion available which gives this product excellent workability and durability, Kemcure W 101 is an excellent product for wherever an outstanding abrasion resistant coating is desired. 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. Standards: ASTM C309 Type 2 Class B or A, BS 5742.
Where to use	Kemcure W 101 are designed to cure and seal normal concrete surfaces as well as colored and patterned concrete. Kemcure W 101 is used: • Driveways and walkways • Precast and other surfaces where non -yellowing curing and sealer is required • Interior and Exterior Walls • Industrial floors and house slabs • Columns, beams and bridges
Advantages	Kemcure W 101 provides the following advantages: • Protect and prevent concrete cracks caused by rapid drying • Enhance strength of concrete surfaces • Helps eliminate dusting through good strength development • Forms an efficient moisture barrier for optimum curing of concrete • High curing efficiency • Reduced labour costs
Properties	
Appearance	White Liquid
Specific gravity	1 ±0.05
Finished film	White opaque film
Drying Time	2.5 hours 25 °C
How to use	• Kemcure W 101 requires no mixing adequate stirring is advisable • The Kemcure W 101 should be spray applied as evenly as possible onto the freshly placed concrete • For horizontal surfaces, Kemcure W 101 should be applied as soon as the initial surface sheen has disappeared from the concrete surface • In the case of formed concrete, Kemcure W 101 should be applied immediately on removal of the formwork • Cement renders can be applied directly over Kemcure W 101 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 utilized 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

Cleaning	Clean all tools, equipment with warm water
Theoretical Coverage	The recommended rate of application is 0.20 Kg/m ²
Packaging	• Kemcure W 101 is supplied in 20 Kg Pails • 200 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	• Kemcure W 101 is non-toxic • 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	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 should there be critical application that requires specific properties rather than our main range, then and for our customer's satisfaction PROKEM reserves the right to change the properties of its products. All orders are accepted subject to our current term of sale & delivery. 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. PROKEM extends technical services to include after-sales support to assist users in the proper handling of our products.