



# CURE3D™

## CONCRETE CURING COMPOUND

SINAK CURE3D™ is a liquid, membrane forming, dissipating, concrete-curing compound used to cure and densify concrete. CURE3D™ forms a durable, temporary membrane for enhanced moisture retention and improved hydration. CURE3D™ is designed for interior and exterior textured concrete.



CURE3D™ eliminates slab curl, dry shrinkage cracking, dusting, and spalling. CURE3D™ is easy to apply and can be used for vertical and horizontal surfaces. CURE3D™ exceeds the moisture retention requirements of ASTM C-309 Type 1, Class A.

CURE3D™ allows for the immediate installation of tilt panel bond breakers and installation of hardeners, densifiers, and polishing systems in as soon as 3 days after concrete placement. CURE3D™ is non-toxic and contains no solvents.

## FEATURES & BENEFITS

- ELIMINATES SLAB CURL
- EXCEEDS ASTM C-309
- COMPATIBLE WITH ALL HARDENERS, DENSIFIERS AND POLISH SYSTEMS

## WHERE TO USE CURE3D™

- PRECAST CONCRETE
- TILT UP CONSTRUCTION
- CAST IN PLACE
- INTERIOR/EXTERIOR CONCRETE
- VERTICAL APPLICATIONS

## INSTALLATION

Installation should be continuous. CURE3D™ application should begin after the surface is firm enough to tolerate foot traffic or immediately after the early entry saw cutting. Apply a small test area to confirm penetration. If rain should occur at any time during this process, see 'Interrupted Installation' at the end of this section.

1. Protect objects and areas not to be treated from spillage or overspray.
2. Apply CURE3D™ in one (1) coat, uniformly wetting the surface with an airless or tank-type sprayer.
3. Pay special attention to apply material in joints, saw cuts, and on slab edges. Treatment of these areas will eliminate slab curl.
4. Drying time will vary from 10 to 30 minutes depending on temperature and environment. NOTE: "Dry" means dry to the touch.
5. Clean all equipment with warm soapy water.

## TESTING

### ■ ASTM C-309/C-1315

Type 1&1-D, Class A (Moisture Retention)

Exceeds moisture retention of less than 0.40 kg/m<sup>2</sup>

### ■ ASTM C-39

(Compressive Strength)

Meets or exceeds 3-day water cure

## INTERRUPTED INSTALLATION

If the application should be interrupted by rain, mark the place of interruption and continue the application as soon as weather permits. If the delay exceeds 4 hours contact SINAK immediately.

### HOT WEATHER INSTALLATION

In hot (above 100°F or 38°C), dry and/or windy conditions apply CURE3D™ shortly after loss (evaporation) of surface water.

### COLD WEATHER INSTALLATION

DO NOT apply below 34° F (1 °C). Allow ample time between coats for drying. Contact SINAK for additional information.

### PRECAUTIONS

Do not allow CURE3D™ to come into contact with any glass, metal, or painted surfaces. CURE3D™ left to dry on the surface may result in streaking, whitening, or staining. Immediately wipe affected surfaces with a clean water-saturated cloth, then wipe dry with a second clean cloth. For questions regarding CURE3D™ contact SINAK.

### COVERAGE RATES (SUBJECT TO SURFACE FINISH)

One-coat coverage rate is 300-350 sq ft per gallon for broom and textured surfaces.

One-coat coverage rate is 600-650 sq ft per gallon for hard troweled surfaces.

Two-coat coverage rate is 300-350 for vertical surfaces.

### STORAGE & HANDLING

CURE3D™ has an unlimited shelf life when stored in a cool dry area out of direct sunlight. Must be kept in tightly secured containers to prevent evaporation and contamination. CURE3D™ MUST be protected from freezing. Product that has frozen will not function as intended and should be discarded.

### AVAILABILITY

CURE3D™ is available in 5 gallon pails (18.9 liters) 55-gallon (208.2-liter) drums and 275-gallon (1041-liter) totes from selected distributors.

### TECHNICAL ASSISTANCE

Technical assistance is available from the manufacturer.

SINAK warrants its products to be free from manufacturing defects and to meet the technical properties on the current product information sheet. To the maximum extent permitted by law, this express warranty and the remedies specified below are exclusive and in lieu of all other warranties and remedies. Any implied warranties including without limitation implied warranties of merchantability and fitness for a particular purpose are excluded. SINAK's liability under this product warranty shall be limited to a refund of purchase price or replacement of the product. SINAK shall have no liability for any loss of use, interruption of business, lost profits or goodwill, or for any special, incidental or consequential damages of any kind arising from the purchase or use of the warranted product, even if SINAK has been advised of the possibility of such loss, interruption or damage. This limited warranty may not be modified by representatives of SINAK, its distributors or dealers. Any claim made under this warranty must be made within one (1) year of purchase and shall be accompanied by any reports or test results that form the basis of the warranty claim. Prior to settlement of a warranty claim, SINAK shall have the right, but not the obligation, to conduct site inspections and perform tests pertaining to the customer's warranted product and its manner of use.