



THE CURE™ WCE

Concrete Cure

- ✔ **SAVES LABOR**
EQUAL TO A 14-DAY WATER-CURE
- ✔ **SAVES MONEY**
LESS THAN 4 CENTS PER SQ. FT.

- ✔ **SAVES TIME**
NO MORE 3-7 DAY DELAYS
- ✔ **MEETS OR EXCEEDS**
ASTM C-309 AND ASTM C-1315

SINAK THE CURE™ WCE is formulated to exceed the performance requirements of all concrete water-cure specifications. Use of THE CURE™ WCE assures that the specified design strengths will be achieved along with the development of improved surface durability properties. THE CURE™ WCE prevents rapid drying of the concrete surface during the cure phase, eliminating cure-related cracking and crazing, while minimizing or eliminating slab-curling.

POTABLE WATER

THE CURE™ WCE has been tested and certified by WRAS to be completely safe for potable water applications. THE CURE™ WCE is recommended for use in water treatment facilities, pumping stations, water storage tanks, and water circulation systems for marine and zoo enclosures.

By providing concrete free from cure-related cracks along with greatly reduced surface permeability, THE CURE™ WCE protects against chloride-ion penetration, freeze thaw damage and premature concrete deterioration and wear. This adds up to an increased service life and maintenance cost savings.

THE CURE™ WCE leaves no surface residue and is compatible with all bond-breakers, patching compounds, wall coatings, paints, flooring materials, staining processes, crack and joint materials. Overspray on reinforcement steel does not require removal.

SINAK SYSTEMS

- ✔ **SINAK Finishing Aid:** All concrete, grout and mortar products.
- ✔ **SINAK VC-5:** Moisture vapor and alkalinity control curing agent with 15yr flooring warranty.
- ✔ **SINAK LithiumCure 2000:** Hard trowelled/burnished slabs or polished concrete.
- ✔ **SINAK LithiumCure 1000:** All exterior open surface profiled concrete.
- ✔ **SINAK WCE:** Potable water applications.

For Use On:

- ✔ Concrete Floors/Decks
- ✔ Superflat Floors
- ✔ Pre-Cast Concrete
- ✔ Tilt-up Construction
- ✔ Road/Bridge/Runway Pavements
- ✔ Vertical Applications
- ✔ Structural Concrete
- ✔ Shotcrete/Lightweight Concrete

Benefits:

- ✔ Better than water cure
- ✔ Unlimited shelf-life
- ✔ Lowers moisture vapor emissions
- ✔ Prevents cure-related cracking and crazing
- ✔ Controls slab-curling
- ✔ Not a bond breaker
- ✔ All vertical/horizontal concrete
- ✔ Saves 7-days in the construction schedule





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COMPOSITION AND MATERIALS

THE CURE™ WCE is an environmentally friendly, water-based liquid with a proprietary formula in solution. It requires no mixing, diluting or agitating. Color: water clear; Specific Gravity: 1.1; Net Weight per gal: 9.2 lbs; Dry Solids Content (by weight): 11.1%; Flash Point: none; Toxicity: non-toxic; VOC: contains NO volatile organic compounds.

TESTING

ASTM C-39 (Compressive Strength): Exceeds 7-day water cure results.*

ASTM C-1202 (Chloride Ion Penetration) (Coulombs): Superior to 7-day water cure.*

BS-1881 P5 (Initial Surface Absorption): Superior to 7-day water cure.*

ASTM C-309 (Water Retention): Complies with Section 6

Table with 3 columns: Scaling Resistance, 14-Day Water Cure, The Cure. Row 1: Scaling, Slight to moderate, None.

APPLICATION

General Application Instructions:

THE CURE™ WCE application should begin as soon as the surface can support foot traffic without leaving marks and readily absorbs material and should be a continuous process from start to finish of the project. If for any reason the application is interrupted, mark the place of interruption, and continue at a later time as if no interruption had occurred.

- 1. Remove all substances that may prevent penetration of the THE CURE™ WCE.
2. Apply THE CURE™ WCE in 2 light, even coats, barely wetting the surface, with a backpack or airless sprayer. DO NOT apply THE CURE™ WCE in heavy coats.

Immediately after the first coat is dry, apply a second coat. NOTE: "Dry" means dry to the touch and the concrete has returned to original color. Drying time will vary from 10 to 30 minutes depending on temperature/environment.

- 3. Clean all equipment by rinsing with water.

Interrupted Applications

If the job should be interrupted by rain, mark the place of interruption. As weather permits, resume the application at the marked place of interruption, and follow all the application steps just as if there was no break in the procedure.

Hot Weather Application:

In hot (above 100°F), dry and/or windy conditions apply THE CURE™ WCE shortly after loss (evaporation) of surface water. Follow the General Application Instructions.

Cold Weather Application

In freezing temperatures, or if freezing is possible, contact SINAK Corporation for additional information.

COVERAGE

Coverage rate usually ranges between 250 to 800 square feet per gallon for hard troweled surfaces (finished application). Rates vary due to substrate and environmental conditions.

Coverage Rates:

- For Rough/Porous Surfaces, 250 - 500 sq ft per gal.
For Dense/Smooth Surfaces, 650 - 800 sq ft per gal.

STORAGE & HANDLING

THE CURE™ WCE has an indefinite 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. THE CURE™ WCE MUST be protected from freezing. Product that has frozen will not function as intended and should be discarded.

PRODUCT AVAILABILITY

THE CURE™ WCE is available in 5-gallon pails, 55-gallon drums and 275-gallon totes from selected distributors.

TECHNICAL ASSISTANCE

Technical assistance is available from the manufacturer, trained field representatives, and certified applicators.

WARRANTY

SINAK Corporation warrants its products to be of the highest quality. Since application of the product is a crucial factor in obtaining satisfactory results, and is beyond the control of SINAK Corporation, refund of purchase price or replacement of product shall constitute the limit of SINAK Corporation's liability. SINAK Corporation makes no other warranties, express or implied, with respect to the products or any service and disclaims all other warranties, including any warranty of merchantability and fitness for a particular purpose. This limited warranty may not be modified by representatives of SINAK Corporation, its distributors or dealers.



Form 171203

Manufactured By:



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