

WCE™

CONCRETE CURING AGENT

SINAK WCE™ is a ready to use, zero VOC Curing Agent, Water-Cure Equivalent Type, that outperforms all traditional curing methods. WCE™ is proven to prevent cure related cracking and crazing while eliminating slab curling. WCE™ is non-toxic, contains no solvents, and is listed as UL® GREENGUARD Gold Certified and super compliant with SCAQMD.

FEATURES & BENEFITS

- 14-Day Water Cure Equivalent
- Eliminates Slab Curling
- Exceeds ASTM C-309 & ASTM C-1315
- UL® GREENGUARD GOLD Certified
- Contributes to LEED V4 Credits

TESTING

- **ASTM C-39**
(Compressive Strength)
Meets or exceeds 14-day water cure
- **ASTM C-309/C-1315: TYPE 1&1-D, CLASS A**
(Moisture Retention)
Exceeds water retention of less than 0.40 kg/m²
- **AASHTO T 277-93/ASTM C-1202-94**
(Rapid Chloride Permeability)
Meets or exceeds 14-day water cure

INSTALLATION

Installation should be continuous. WCE™ 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 first coat of WCE™ uniformly wetting the surface, with an airless or tank-type sprayer. DO NOT apply WCE™ in heavy coats. DO NOT allow WCE™ to puddle or flood the surface.
3. Immediately after the first coat is dry, apply second coat. Drying time will vary from 10 to 20 minutes depending on temperature and environment.
NOTE: "Dry" means dry to the touch.
4. Pay special attention to apply material in joints, saw cuts, and on slab edges. Treatment of these areas will significantly minimize slab curl.
5. Clean all equipment with warm soapy water.

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 Corporation immediately.

HOT WEATHER INSTALLATION

In hot (above 100° F or 38° C), dry and/or windy conditions apply WCE™ 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 Corporation for additional information.

PRECAUTIONS

Do not allow WCE™ to come into contact with any glass, metal, or painted surfaces. WCE™ 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 WCE™ Contact SINAK Corporation.

COVERAGE RATES (SUBJECT TO SURFACE FINISH)

Two-coat coverage rate is 200-300 sq ft per gallon (5-7 sq m per liter) for rough or textured concrete.
Two-coat coverage rate is 400-500 sq ft per gallon (10-12 sq m per liter) for smooth troweled concrete.
Two-coat coverage rate is 300-400 sq ft per gallon (7-10 sq m per liter) for vertical concrete.

STORAGE & HANDLING

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

AVAILABILITY

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

TECHNICAL ASSISTANCE

Technical assistance is available from the manufacturer.