



CHEM CURE W & W2

Water-Based, Wax Membrane Curing Compound

Data Sheet



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PRODUCT DESCRIPTION

- **CHEM CURE W** is a **VOC-compliant**, ready to use, membrane forming, emulsified wax concrete curing agent. It cures the concrete by forming a barrier against moisture loss without staining concrete surfaces. It is a spray-able liquid that offers maximum water retention performance.
- **CHEM CURE W** is a **clear membrane** curing compound, low odour, and appropriate for use in enclosed areas.
- **CHEM CURE W-2** is an **opaque, white pigmented membrane** for use primarily on **exterior concrete pavements**.
- The product complies with Federal Air Quality Regulation 40 CFR 52.254.

Basic Use:

- **CHEM CURE W** is an effective, economical curing compound that should be used only on surfaces in areas where subsequent coatings or toppings are NOT planned.
- **CHEM CURE W-2** is best used where **maximum curing and sunlight reflection** are required, such as state highways, DOT's, city and county roads, bridge decks, dams, and curb and gutter work.

FEATURES & BENEFITS Good moisture retention properties. Very low odor for interior applications. Recommended for exterior pavements. Water-borne, VOC compliant.

ESTIMATING This product is available in 5-gallon (18.9-liter) and 55-gallon (208-liter) containers. Each container is clearly identified with product name and batch code.

Coverage Rate: Surface porosity determines coverage rate. For best results, we recommend:

- Broom finishes - 200 ft²/gallon (5 m²/liter)
- Steel troweled - 300 ft²/gallon (7.5 m²/liter)

TECHNICAL DATA

- **CHEM CURE W:** ASTM-C-309, Type 1 and ID, Class A AASHTO M-148, Type 1, Class A VOC compliant.
- **CHEM CURE W-2:** ASTM-C-309, Type 2, Class A AASHTO M-148, Type 2, Class A VOC compliant.
- **CHEM CURE W and W-2** are water-borne, VOC compliant curing compounds for concrete surfaces. Typical **CHEM CURE W and W-2** properties are:

Property	Chem CURE W	Chem CURE W-2
Color	Clear*	White
Specific Gravity	0.98	0.98--1.01
Moisture Loss @ 3 days kg/m ²	<50	<50
Reflectance	N/A	60+
Dry Time, hours	<4	<4
VOC, grams/liter	95	95
VOC, lbs. /gallon	0.8	0.8

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CHEM CURE W is a milky white emulsion that dries clear.

Also available with red fugitive dye.

INSTALLATION

Application: Uniformly apply to fresh concrete surfaces after final troweling when surface water has disappeared.

Stir well before using to insure uniform consistency.

Uniformly apply directly to the concrete surfaces by spray or roller at the rate specified. When in an enclosed, highly humid, unvented area, apply after surface bleed water disappears. Do not puddle. Do not dilute.

Clean-up: Prior to product drying, clean up equipment using mild soap and warm water. After the product has cured, flush equipment with mineral spirits or hot water. Containers are to be kept tightly sealed.

STORAGE/SHELF LIFE Store above 40°F (4°C). Stir well before using as some sediment will occur during storage. Shelf life is one year in factory-sealed. **CHEM CURE W** and **CHEM CURE W-2** containers when stored properly.

FOR BEST RESULTS: Do not use where subsequent toppings are to be applied. For placement above 40°F (4°C). Apply only to frost.

PRECAUTIONS Wear protective goggles. Keep from freezing. Store above 40°F.(4°C). Stir well before using. Please refer to Product Material Safety Data Sheet (MSDS) before using.

SHORT SPEC

- 03300: Liquid membrane forming curing compound: Shall be VOC compliant, wax base, conforming to ASTM C 309, Type 1, Class A and meeting local air quality regulations. "**CHEM Cure W**" as manufactured by **CHEMCONS Construction Chemicals, Inc.**
- 02520: For exterior pavement only: Shall be VOC Compliant, wax base, conforming to ASTM C 309, Type 2, Class A, and AASHTO M-148, Type 2. "**CHEM Cure W-2**" as manufactured by **CHEMCONS Construction Chemicals, Inc.**

WARRANTY

This product is warranted to be free of defects in material and workmanship, and conform to **Chemcons Construction Chemicals ("Chemcons")** quality control standards. All recommendations, statements and technical data here in are based on tests we believe to be reliable and correct, but accuracy and completeness of said tests are not guaranteed and are not to be construed as a warranty or guaranty of any kind, expressed or implied including but not limited to, an implied warranty of merchantability or an implied warranty of fitness for a particular purpose. Satisfactory results depend upon many factors beyond **Chemcon's** control. User shall rely on his or her own information and tests to determine suitability of the product for the intended use and user assumes all risk, loss, damage, expense and liability resulting from his or her direct use, indirect use or consequential to their use of the product. **Chemcons** shall not be liable to the buyer or any third person for any injury, loss or damage directly or indirectly resulting from use or inability to use the product. **Chemcon's** sole responsibility shall be to replace that portion of the product which proves to be defective. Any warranty claim must be made within six (6) months from the date of the claimed breach. This limited warranty applies only if the product was properly installed and used according to all instructions and was properly stored prior to use.

