



CURE & SEAL WB

Waterborne, acrylic resin, curing, sealing, and hardening compound

March 2017 • Version 1.0

1. PRODUCT NAME

Cure & Seal WB

2. MANUFACTURER

Cure & Seal WB is manufactured for Cemstone Products Company 2025 Centre Pointe Blvd., Suite 300 Mendota Heights, MN 55120 USA

Phone: 1-800-CEMSTONE

Local: 651-688-9292

Internet: cemstone.com

3. PRODUCT DESCRIPTION

Cure & Seal WB is a clear, non-yellowing, waterborne, acrylic polymer membrane forming compound used for curing, sealing, and hardening of freshly-placed and/or existing concrete, terrazzo, brick, stone, architectural concrete, and other cementitious materials. Cure & Seal WB will pass all VOC compliance laws.

Cure & Seal WB is formulated to cure, seal, protect, and dustproof concrete, as well as to seal many types of porous tile and resilient floors. Designed for both exterior and interior applications, it is particularly recommended for indoor work in public buildings and housing (hospitals, restaurants, and private residences where solvent systems are difficult to use). The white solution dries clear and provides a dust-free surface.

Cure & Seal WB provides maximum hardness to the concrete as well as resistance to traffic abrasion. Construction debris are easier to clean. Compatible with most tile and carpet adhesives.

WHEN/WHERE TO USE

- Cure and seal surfaces
- Interior or exterior applications
- New or existing applications
- Concrete or masonry
- Terrazzo, brick, stone, masonry, and other cementitious materials
- Seal many types of resilient floor coverings and porous ceramic tile
- Commercial and residential applications

ADVANTAGES

- Low VOC, water-based mix
- Tack-free in 2-4 hours
- Penetrates into surface
- Ready to use, no diluting
- Chemical resistant
- Dries clear

Warning

Avoid contact with eyes and skin. If contact with eyes occurs, flood eyes repeatedly with clean water for 15 minutes and see a physician immediately. Do not rub eyes. Wash hands thoroughly after handling or before eating with warm, soapy water. Do not take internally. KEEP OUT OF REACH OF CHILDREN.

4. TECHNICAL DATA

TECHNICAL DATA	
Composition and Materials	Formulated of fine quality, hard but pliable acrylic polymers in an aqueous system. No fillers are used and there are no oils, waxes or saponifiable resins. Cemstone products are manufactured with only the finest quality raw materials available and close quality-control is practiced.
Moisture Efficiency	Meets ASTM C-309
Typical Drying Time @ 70°F	1-2 hours (touch) 4-12 hours (traffic)
VOC Content	< 350 g/l
A.I.M. Category	Concrete Curing Compound Maximum VOC 350 g/l
Applicable Standards	ASTM C-309, Type 1, Class A, B and Type 1D with a red dye added. Fed. TT-C-800A, Type 1, Class 1 ACI Standard 302.77 for use on Class 1, 2, 3, and 4 concrete floors AASHTO Des. M-148, Type 1, Clear USDA Authorization for use in meat, poultry, and food processing plants. Resilient Tile Institute approval for compatibility with most resilient tile, carpet adhesives, and paints.

5. INSTALLATION

PREPARATION

Remove all loose or unsound materials prior to application. Thoroughly clean existing surfaces of dirt, dust, oil, grease or other contaminants before using. TSP (Trisodium Phosphate) in very hot water can be used, rinse well and allow to dry. Apply only to dry surfaces for optimal performance. Check compatibility with the

substrate manufacturer prior to placement. Do not apply when rain is expected within 4-6 hours of application. DO NOT ALLOW PRODUCT TO FREEZE. Do not dilute. May gently stir to blend prior to use, but do not entrap air.

APPLICATION

- Apply when air and surface temperatures are between 50°F-90°F (10°C-32°C).
- Apply only to dry surfaces for optimal performance
- Use low-pressure (20-30 lbs.) sprayer to apply uniformly at the specified rate of coverage. Avoid heavy accumulation. A lamb's wool applicator or medium nap roller can also be used.
- Do not allow exposure to rainfall, water, or traffic until fully dried.

NOTE: Cure & Seal WB may darken the appearance of concrete, especially if it is applied too heavily. A small mock-up in an inconspicuous area is often done to test compatibility with the substrate prior to full application.

New Concrete (CURING):

Apply after troweling is complete and surface is dry, immediately after surface water has dissipated and concrete can withstand weight. Use of a low-pressure sprayer (20-30 lbs.) is best to apply uniformly at the specified rate of coverage, however other application methods can be used i.e. lamb's wool applicator, or medium nap roller.

Existing Concrete (SEALING):

Apply to a clean, dry surface. Use a roller or low-pressure sprayer (20-30 lbs.) to apply uniformly, avoiding heavy accumulations. A second coat may be applied on very porous surfaces with rapid absorption. Allow the product to become tack-free between coats. Spray the second coat with good pressure and a mist of spray from the nozzle.

CLEAN UP

Use warm water and soap before this material dries. After product dries, an organic solvent such as xylene, may be used.



CURE & SEAL WB

Waterborne, acrylic resin, curing, sealing, and hardening compound

March 2017 • Version 1.0

COVERAGE

Approximate Coverage @ 70°F (21°C)	Sq. Ft./ gal.	M ² / L
Curing: Broomed or Troweled	200-300	4.9-7.3
Second Coat	300-500	7.3-12.6

NOTE: Coverage is per coating and may vary due to porosity, wind, temperatures, and condition of surfaces.

NOTES

- Do not apply when surface and air temperatures are below 50°F (10°C).
- Avoid a build-up or over-application of product as this may cause slippery conditions or separation between coats.
- Store between 50°F-90°F (10°C-32°C)
- Keep containers tightly sealed when not in use.
- Dispose of contents/container in accordance with all local and state regulations.
- Do not dilute with water or solvents.
- For best use, the recommended shelf life is 12 months. If shelf life is beyond 12 months, please contact your distributor.

6. AVAILABLE SIZES

- 1 gal. bottle (3.78 L)
- 5 gal. pail (18.93 L)
- 55 gal. drum (208 L)

7. WARRANTY

Seller warrants that its product will conform to and perform in accordance with the product specifications. The foregoing warranty is in lieu of all other warranties, expressed or implied, including, but not limited to those concerning merchantability and fitness for a particular purpose. Because of the difficulty in ascertaining and measuring damages hereunder, it is agreed that Seller's liability to the Buyer shall not exceed the total amount billed and billable to the Buyer for the product hereunder.

8. MAINTENANCE

Stains should be removed as soon as possible. Cure & Seal WB can be applied to wear areas and areas where spills have removed the sealer.

9. TECHNICAL SERVICES

The Cemstone office offers assistance with specifications, performance test data and field services.

10. FILING SYSTEM

Division 9

CEMSTONE DISCLAIMER:

Every effort has been made to ensure the accuracy of the above information and to avoid infringement of any patent or copyright. The information is based on field tests by government and private agencies, as well as lab tests, and on technical data from raw material manufacturers. The person(s) specifying or requesting the use of these products is responsible for assuring their suitability for a specific use, as well as the proper application of the products. Where there is any question to the suitability of a particular product, a small test patch is recommended. See also WARRANTY (Section 7).

FOR PROFESSIONAL USE ONLY

KEEP FROM FREEZING

WARNING: INJURIOUS TO EYES

KEEP OUT OF REACH OF CHILDREN