

CURE & SEAL 309 WB

WATER-BASED, ACRYLIC CURE AND SEAL

PURPOSE

CURE & SEAL 309 WB is a water-based, acrylic curing compound and sealer for concrete.

When used as a curing compound, CURE & SEAL 309 WB retains moisture to more thoroughly cure the concrete.

When used as a sealer, CURE & SEAL 309 WB provides a thin acrylic film that protects and enhances the appearance of concrete.

DESCRIPTION

CURE & SEAL 309 WB is a clear, acrylic copolymer for concrete in a water-based formulation.

When thoroughly mixed, CURE & SEAL 309 WB is milky white in appearance, drying to a clear finish.

PACKAGING

CURE & SEAL 309 WB is packaged in 275 gallon (1040.9 L) totes, 55 gallon (208.2 L) drums and 5 gallon (18.9 L) pails.

STANDARDS

CURE & SEAL 309 WB meets or exceeds the ASTM-C-309 (Type 1, Class A and B) and AASHTO-M-148 specifications for moisture retention as tested according to ASTM-C-156 and AASHTO-M-155.

CURE & SEAL 309 WB meets V.O.C. emission requirements for curing and sealing compounds (EPA limit 700 g/L).

CURE & SEAL 309 WB meets V.O.C. compliance for the State of California, Regulation 8, Organic Compounds, Rule 3, Architectural Coatings (CA limit 350 g/L).

APPLICATION

Storage: Containers should be tightly closed and properly stored. Prevent accumulation of water, dirt or other residue on covers. Protect from freezing.

Preparation: CURE & SEAL 309 WB can be applied as a curing compound to newly placed concrete as soon as the surface water has dissipated and the concrete has been finished.

CURE & SEAL 309 WB can be applied as a sealer to properly prepared concrete at any time.

Reapplication of CURE & SEAL 309 WB to wear areas can be made after proper surface cleaning.

CURE & SEAL 309 WB must be thoroughly mixed before each use.

Coverage: Spray application with industrial pump-up sprayer, brush or roller is recommended. Apply material uniformly, avoiding overapplication and "puddling".

Coverage is 200 ft²/gal (4.9 m²/L). Reapplication can take place when material is dry to the touch.

Concrete surface texture, absorption characteristics and desired appearance will dictate final coverage rates.

Unusual applications or conditions may require the technical assistance of a Symons representative.

DRY TIME

Approximately 2-3 hours at 70°F (21°C) for recoating or light traffic, wait 12 hours for heavy traffic installations. Dry time is temperature, wind and humidity dependent.

CLEAN-UP

If tools and equipment are still wet, then rinse thoroughly with clean water.

If tools and equipment are dry, then citrus strippers or organic solvents, like xylene, may be necessary.

LIMITATIONS

Do not apply below 40°F (4°C).

Do not install subsequent resinous coatings (epoxy, urethanes, etc.) over this material without removal of CURE & SEAL 309 WB.

Do not install subsequent concrete overlays, toppings, coatings or other surface treatments over this material without removal of CURE & SEAL 309 WB.

A test area is recommended before use on colored concrete.

Black tire marking will result in traffic areas.

SHELF LIFE

Shelf life of properly stored CURE & SEAL 309 WB is approximately one year.

PRECAUTIONS

It is mandatory to take the following precautions to protect workers and the public:

1. KEEP OUT OF THE REACH OF CHILDREN.
2. The product is water-based. Protect from freezing.
3. Avoid inhalation of vapors. Ensure adequate ventilation.
4. Avoid contact with skin. Protective clothing is recommended. Contact areas should be thoroughly washed with soap and water.
5. Avoid contact with eyes. Protective goggles are recommended in case of splashing. Flush eyes with water if contact occurs.
6. Avoid ingestion of material. If ingestion occurs, contact a poison center or physician.

Additional precautions, safety information and first aid treatments are contained in the Material Safety Data Sheet.

WARRANTY

Symons warrants, for 12 months from the date of manufacture, or for the duration of the published product shelf life, whichever is less, that at the time of shipment by Symons, the product is free of manufacturing defects and conforms to Symons' published specifications in force on the date of acceptance by Symons of the order. Symons shall only be liable under this warranty if the material has been applied, used, and stored in accordance with Symons instructions in this technical data sheet.

The purchaser must examine the product when received and promptly notify Symons in writing of any nonconformity before the product is used, or no later than 30 days after such nonconformity is first discovered. If Symons, in its sole discretion, determines that the product breached the above warranty, it will, in its sole discretion, replace the nonconforming product, refund the purchase price or issue a credit. This is the sole and exclusive remedy for breach of this warranty.

Only a Symons officer is authorized to modify this warranty. The sales information on the Symons website and received by the customer during the sales process does not supersede this warranty and the specifications of the product in force on the date of sale. THE FOREGOING WARRANTY SHALL BE EXCLUSIVE AND IN LIEU OF ANY OTHER WARRANTY, EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE AND ALL OTHER WARRANTIES OTHERWISE ARISING BY OPERATION OF LAW, COURSE OF DEALING, CUSTOM, TRADE OR OTHERWISE.

LIMITATION OF LIABILITY

Symons shall not be liable, in contract or in tort (including, without limitation, negligence, strict liability or otherwise) for loss of sales, revenues or profits; cost of capital or funds; business interruption or cost of downtime, loss of use, damage to or loss of use of other property (real or personal); failure to realize expected savings; frustration of economic or business expectations; claims by third parties (other than for bodily injuries), or economic losses of any kind; or for any special, incidental, indirect, consequential, special, punitive or exemplary damages arising in any way out of the performance of, or failure to perform, this Agreement, even if Symons could foresee or has been advised of the possibility of such damages. The Parties expressly agree that these limitations on damages are allocations of risk constituting, in part, the consideration for this agreement, and also that such limitations shall survive the determination of any court of competent jurisdiction that any remedy provided in these terms or available at law fails of its essential purpose.

MANUFACTURER

Symons
2400 Arthur Avenue
Elk Grove Village, IL 60007

General: 847-298-3200
FAX: 847-635-9287

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www.symons.com
info@symons.com

Technical: 877-854-0643
Fax: 913-279-4806