



W. R. MEADOWS®

SEALIGHT™

CS-309-25™

DATA SHEET NO. 3050-323

Non-Yellowing Acrylic Curing and Sealing Compound

DESCRIPTION

CS-309-25 Acrylic Curing and Sealing Compound is a clear, transparent, ready-to-apply, non-yellowing liquid compound formulated from special acrylic polymers and quick-evaporating solvents that effectively cures and seals freshly placed concrete. CS-309-25 meets maximum VOC content limits of 700 g/L for Concrete Curing and Sealing Compounds as required by the U.S. EPA Architectural Coatings Rule.

Once properly applied, CS-309-25 provides an impermeable seal for optimum moisture-retention. This produces a hard, dense, high-compressive strength concrete. CS-309-25 will minimize hair-checking as well as premature cracking, dusting, spalling and other common defects that result when concrete is not properly cured. This easy-to-use compound dries quickly and protects the concrete during construction. It resists adhesion of mortar droppings permits easier clean-up.

USES

CS-309-25 is ideal for application on commercial and industrial concrete surfaces, sidewalks, patios, multi-level parking decks, driveways and parking areas . . . wherever you want to simultaneously cure and seal exterior concrete surfaces. The use of CS-309-25 on any exterior concrete surfaces. The use of CS-309-25 on any exterior concrete surfaces provides a durable, long-lasting finish that has improved resistance to chemicals, oils, grease, de-icing salts and abrasion. CS-309-25 provides an attractive, low sheen finish that enhances the natural appearance of the concrete.

For interior applications, specify and apply VOCOMP®-20 or VOCOMP®-25 Curing and Sealing Compounds from W. R. MEADOWS (refer to Product Data Sheet Nos. 3300-191 & 3300-195).

FEATURES AND BENEFITS

- Provides a totally clear membrane for new or existing concrete that will not yellow
- Provides a tough, durable, uniform, moisture-impermeable, long-lasting film on exterior concrete surfaces

- Cures and seals freshly placed concrete simultaneously in one application
- Produces an impermeable seal, yielding optimum moisture retention
- Minimizes hair-checking, cracking, dusting, spalling and other defects common to improperly cured concrete
- Provides improved resistance to chemicals, oil, grease, deicing salts and abrasion during construction
- Provides an attractive sheen that enhances the natural appearance of concrete
- Applies easily . . . dries quickly for less downtime
- Permits easy clean-up and housekeeping . . . reduces floor maintenance costs
- VOC compliant . . . meets the U.S. EPA Architectural Coatings Rule requirements

PACKAGING 3.78 litre pails
18.9 litre pails
205 litre drums

SPECIFICATIONS

- ASTM C309, Type 1, Classes A & B
- ASTM C1315 Type 1, Class A
- AASHTO M148, Type 1, Classes A & B
- USDA Accepted

COVERAGE*

7.3 – 14.7 m²/L (300 - 600ft.²/U.S. gallon)

*Coverage may vary due to porosity and condition of concrete.

APPLICATION

Surface Preparation . . . *Existing (Old) Concrete:* Concrete surface must be clean and dry with all stains, oil, grease, dust and dirt removed prior to application. We recommend ULTRITE™ DEGREASER from W. R. MEADOWS for cleaning. *New Concrete:* CS-309-25 should be applied when surface water has completely disappeared and the concrete surface will not be marred by walking workmen.

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W. R. MEADOWS OF CANADA

70 Hannant Court, Milton, ON L9T 5C1

Phone: (905) 878-4122 • Fax: (905) 878-4125

Montreal Sales: (877) 405-5186

Hampshire, IL / Cartersville, GA / York, PA / Fort Worth, TX
Benicia, CA / Pomona, CA / Goodyear, AZ / Milton, ON /
St. Albert, AB
www.wrmeadows.com

Application Method . . Use a sprayer or short-nap roller to apply a uniform film. Avoid puddling in low areas . . . if puddles occur, brush or roll them out. A standard industrial-grade sprayer, equipped with a neoprene hose and gaskets, as well as a 9505-E spray tip (or equivalent) is recommended for best results.

For optimum performance, apply first coat at 14.7 m²/L (600ft.²/U.S. gallon). After the first coat has thoroughly dried, apply a second coat at 14.7 m²/L (300 - 600ft.²/U.S. gallon). NOTE: The second coat should be applied at a right angle.

Drying Time . . CS-309-25 dries quickly. Drying times may be extended depending on application rate, temperature, humidity and project conditions. Restrict foot traffic for at least four hours . . . 12 hours is preferable.

Clean Up . . Application equipment should be cleaned promptly after use with Xylene or Toluene.

Proper application is the responsibility of the user. Field visits by W. R. MEADOWS' personnel are for the purpose of making technical recommendations only, and are not to supervise or provide quality control on the job-site.

PRECAUTIONS

DO NOT DILUTE. FOR EXTERIOR APPLICATION ONLY. Surfaces treated with CS-309-25 may become slippery under certain conditions. CS-309-25 should not be applied during high temperature conditions in direct sunlight. These conditions cause rapid evaporation, which does not allow the film to form properly. Under these conditions, the film may peel, bubble and/or turn white (blush). CS-309-25 should not be applied to concrete exposed to excessive moisture. Entrapped moisture in a solvent-based sealer may cause the film to peel and/or turn white (blush).

Do not apply CS-309-25 if the temperature of the concrete below 4°C (40°F). CS-309-25 may be used on coloured concrete, but mottling may occur. Do not use on dense or non-porous surfaces, i.e. brick, stone, etc.

Concrete containing calcium chloride will remain dark longer when treated with CS-309-25. Concrete floors properly cured with CS-309-25 meet section 8.9 "Adhesion of Tile Cements" of ASTM C 1315. For other specifications secure the approval of the paint or resilient flooring manufacturer before applying CS-309-25. The specifier and user shall determine the

suitability of product for specific applications and assume all responsibility in connection therewith. NOTE: In cases when CS-309-25 is applied to existing concrete surfaces (more than 28 days old) the variations in coloration of the sands and aggregate present in the existing surface may be enhanced causing the surface to appear discoloured.

HEALTH HAZARDS

Prolonged inhalation of vapours in excess of permissible exposure limits may result in symptoms of transient central nervous system depression. Direct contact with the product may result in irritation of the skin and eyes. Product vapours may also cause irritation. **CS-309-25 is combustible.** Remove ignition sources prior to use. Empty containers may hold combustible vapours. Handle empty containers as combustible liquids. In the event of a spill, contain the product; apply absorbents and place in sealed containers. In the event of a fire, contain all run-off water. Refer to Material Safety Data Sheet for complete health and safety information.

SPECIFICATION CLAUSE

Section 03 05 00.

**FOR THE MOST CURRENT PRODUCT INFORMATION, VISIT OUR WEBSITE:
www.wrmeadows.com**

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