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CS-309™ -25

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.

Once properly applied, CS-309-25 provides a premium-grade film 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 and permits easier cleanup.

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 surface provides a durable, long-lasting finish that offers improved resistance to chemicals, oil, grease, de-icing salts, and abrasion. CS-309-25 provides an attractive, low sheen finish that enhances the natural appearance of the concrete.

FEATURES/BENEFITS

- Provides a totally clear membrane for new or existing concrete that will not yellow.
- Provides a tough, durable, uniform, long-lasting film on exterior concrete surfaces.
- Cures and seals freshly placed concrete simultaneously in one application.
- Produces a premium-grade seal, yielding optimum moisture retention.
- Minimizes hair checking, cracking, dusting, spalling, and other defects common to uncured or improperly cured concrete.

- Provides improved resistance to chemicals, oil, grease, de-icing salts, and abrasion during construction.
- Non-blushing, breathable film.
- Provides an attractive sheen that enhances the natural appearance of concrete.
- Applies easily ... dries quickly for less downtime.
- Permits easy cleanup and housekeeping ... reduces floor maintenance costs.

PACKAGING

1 Gallon (3.79 Liter) Cans (4/Carton)
5 Gallon (18.93 Liter) Pails
55 Gallon (208.20 Liter) Drums

SPECIFICATIONS

- ASTM C309, Type 1, Classes A & B
- ASTM C1315, Type I, Class A
- AASHTO M 148, Type 1 Classes A & B
- USDA Accepted
- Complies with U.S. EPA maximum allowable VOC requirements.

COVERAGE

300-600 ft.²/gal. (7.37-14.73 m²/L) Coverage is approximate and may vary depending on surface finish/texture, concrete condition, climatic conditions, etc. Always apply to a test area first to determine actual coverage rate before full-scale application.

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.

Fresh (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.

CONTINUED ON REVERSE SIDE ...

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, such as a Chapin 19069, equipped with Viton fittings and a spray nozzle that produces a flow of 0.5 GPM (1.9 LPM) under 40 psi (0.276 MPa) of pressure is recommended.

For a two-coat application, apply first coat at 600 ft.²/gal. After the first coat has thoroughly dried, apply a second coat at 600 ft.²/gal. 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. Twelve hours is preferable.

Cleanup ... Application equipment should be cleaned promptly after use with xylene or toluene.

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 is below 40° F (4° C). CS-309-25 may be used on colored 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.

CS-309-25 is a membrane-forming sealer. All membrane-forming sealers may darken concrete or magnify imperfections caused by variations in the porosity and/or finishing of the concrete.

HEALTH HAZARDS

Prolonged inhalation of vapors 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 vapors may also cause irritation. **CS-309-25 is combustible.** Remove ignition sources prior to use. Empty containers may hold combustible vapors. 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 Safety Data Sheet for complete health and safety information.

For most recent data sheet and SDS, visit
www.wrmeadows.com.



LIMITED WARRANTY

W. R. MEADOWS, INC. warrants at the time and place we make shipment, our material will be of good quality and will conform with our published specifications in force on the date of acceptance of the order. Read complete warranty. Copy furnished upon request.

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