



NO. 359

MasterFormat: 03 39 23



MARCH 2014
(Supersedes March 2010)

CS-309™-OTC
Non-Yellowing, Acrylic Curing and Sealing Compound
for Decorative Concrete

DESCRIPTION

CS-309-OTC acrylic concrete curing and sealing compound is an acrylic polymer solution, specifically formulated for decorative concrete needs. CS-309-OTC provides a tough, clear film that will not after-yellow. It also provides improved weather and stain resistance, combined with a dustproof sealer.

USES

CS-309-OTC is used on driveways, patios, industrial floors, loading docks, swimming pool areas, and exposed aggregate, as well as any exterior decorative surface where enhanced appearance, protection, and sealing of concrete is desired (dries to a low-medium sheen). (Higher gloss films can be achieved with additional applications.) CS-309-OTC offers improved resistance to rain, sun, freezing temperatures, stains, most acids and industrial chemicals, oil, grease, de-icing salts, cleaning agents (except aromatic solvents), and caustics, as well as airborne soot, dust, and other pollutants.

FEATURES/BENEFITS

- Specifically formulated to enhance the appearance of colored and architectural concrete.
- Permeable film allows moisture in cured concrete to evaporate.
- Provides a clear, tough, easy-to-clean film which improves abrasion and stain resistance.
- Ultraviolet stable; non-yellowing under extreme exposure.
- Offers improved resistance to rain, sun, freezing temperatures, most acids and industrial chemicals, oil, grease, de-icing salts, cleaning agents (except aromatic solvents), caustics, airborne soot, dust and other pollutants.
- Offers excellent foot or vehicular traffic wearing qualities.

- Recoat after thorough surface cleaning to restore the original beauty.
- Applies easily ... dries quickly for less down time.
- Concrete sealed with CS-309-OTC can later be painted (consult reputable paint manufacturer for compatibility) or covered with resilient flooring or carpeting, if desired.
- Dried film is USDA accepted.
- VOC compliant ... meets the U.S. EPA Architectural Coatings Rule requirements and is OTC-compliant (Ozone Transport Commission).

PACKAGING

1 Gallon Cans
5 Gallon Pails
55 Gallon Drums

COVERAGE

300 - 600 ft.²/gal. depending on surface finish. Coverage may vary due to porosity and condition of the concrete.

SHELF LIFE

When stored indoors in original, unopened containers at temperatures between 40° - 90° F, shelf life is two years from date of manufacture.

SPECIFICATIONS

- AASHTO M 148, Type 1, Classes A & B
- ASTM C 309, Type I, Classes A & B
- Complies with U.S. EPA, LADCO, and OTC maximum allowable VOC requirements.
- Dried film is USDA accepted.

TECHNICAL DATA

VOC Content: 347 g/L

CONTINUED ON REVERSE SIDE...

SURFACE PREPARATION

Fresh (New) Concrete ... Apply as soon as all surface water has disappeared and the concrete surface will not be marred by walking workers.

Existing (Old) Concrete ... Concrete surface must be clean and dry with all stains, oil, grease, dust, dirt, and curing compounds removed prior to application. ULTRITE® DEGREASER from W. R. MEADOWS is recommended for cleaning.

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, a 0.5 GPM nozzle, and fan spray pattern, is recommended. Apply over the entire surface; avoid puddling in low areas.

For full application guidelines, please visit <http://www.wrmeadows.com/vocapp/>.

Mixing ... For optimum performance, gentle mixing or agitation is recommended. CAUTION: TO AVOID FOAMING, DO NOT MIX EXCESSIVELY.

Drying Time ... Product dries quickly. Drying times will vary depending on application rate, temperature, humidity, and project conditions. Restrict foot traffic for at least four hours. Twelve hours is preferable.

Cleanup ... Clean tools after use with a solvent such as xylene, toluene, or SEALTIGHT CLEANER from W. R. MEADOWS

PRECAUTIONS

Coating is to be applied without dilution or thinning. For exterior application only. Surfaces treated with CS-309-OTC may become slippery under certain conditions.

Product 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). Surface temperature of the concrete must be between 40° – 90° F.

Product 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). Over application may result in the finished film appearing hazy or white.

Product 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 this product. Concrete floors properly cured with this product 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 this product.

LEED INFORMATION

May help contribute to LEED credits:

- IEQ Credit 4.2: Low-Emitting Materials – Paints and Coatings
- IEQ Credit 4.3: Low-Emitting Materials – Flooring
- MR Credit 2: Construction Waste Management
- MR Credit 5: Regional Materials

For most recent data sheet, further LEED information, and safety data sheet, 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.

Disclaimer

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