



CS-309™ Curing & Sealing Compound

DESCRIPTION

CS-309 is a colourless transparent curing and sealing compound formulated from acrylic polymers and quick-evaporating solvents. When applied on freshly placed concrete it forms a tough uniform moisture retentive film, which simultaneously cures and seals the concrete.

USE

Curing and sealing newly placed concrete in commercial and industrial applications such as floors, sidewalks, service stations, multi-level parking decks and driveways.

CS-309 is recommended for exterior use, resisting discolouring or yellowing due to ultra-violet light exposure. It provides a durable finish that resists chemicals, oil, grease, de-icing salts and abrasion.

NOTE: For added protection and a greater sheen on new or old concrete, we recommend (2) coats of CS-309/25, or a coat of HIAC be applied at right angles. The second coat may be applied after the previous coat has thoroughly dried.

FEATURES

Retains mix water in concrete to permit complete hydration of the cement paste for hard, dense concrete resistant to staining, abrasion, dusting and spalling.

Film remains on concrete surface to permit easy clean up and reduce maintenance costs.

Accepts chlorinated rubber and oil-based paints and most flooring adhesives.

CAUTION

Use only when concrete surfaces are above 5°C (40°F) and only after all surface water sheen has disappeared.

Allow 24 hours before application in very high humidity conditions.

DATA SHEET NO. 3300-301

Will temporarily darken concrete, lightens to normal concrete colour in 6 to 12 months.

Keep vapours away from foodstuffs.

Not resistant to aromatic solvents, will not resist spillage of lead free gasoline.

Flammable - keep away from heat and open flame.

Do not use as a substitute sealer where coloured concrete shakes require colour-matched sealers.

PROPERTIES

Moisture Retention 95% or more.

Adhesion Excellent when applied to moisture-free concrete surface.

Touch Dry 30 min.

STANDARDS

Conforms to ASTM C 309, Type 1, Class B.
Agriculture and Agri-Food Canada accepted.
Approved by the Ministry of Transportation, Quebec.

DATA

Coverage Broomed surface 4.9 m²/L (240 ft.²/gal.)
Trowelled surface up to 14.7 m²/L
(720 ft.²/gal.)

Coverage is approximate and depends on the porosity of the surface.

Packaging 3.78 litre or 18.9 litre pails and 205 litre drums

APPLICATION INSTRUCTIONS

Product container provides all application information.
Read and follow all instructions and precautions

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Apply by sprayer, long nap roller, soft bristle broom or lamb's wool applicator. Standard garden-type sprayers, equipped with a neoprene hose and gaskets are recommended for best results.

Apply CS-309 as soon as all surface water has disappeared and the concrete surface will not be marred by walking workmen. Apply evenly over entire surface; avoid puddling in low areas. Restrict foot traffic for at least 4 hours preferably, 12 hours.

CS-309 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 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).

For greater protection and higher sheen, apply a further coating of CS-309 and/or apply a coating of HIAC allowing 7 days between coats.

*Note: In cases when CS-309 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 dis-coloured.

CLEAN UP

Clean tools and equipment after use with a solvent such as SEALTIGHT Solvent, xylol or toluol.

SAFETY AND TOXICITY

Contains solvent. Use with adequate ventilation and avoid prolonged breathing of vapours that may cause dizziness or suffocation. Avoid contact with skin and/or eyes. See product label and Material Safety Data Sheet for additional information. Read and follow all instructions and precautions.

Harmful or fatal if swallowed.

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.

SPECIFICATION CLAUSE

Section 03 05 00

Concrete Curing and Sealing Compound W. R. MEADOWS CS-309 conforming to ASTM C 309, Type 1, Class B.

FOR BEST PERFORMANCE, ENSURE MOST RECENT TECHNICAL DATA SHEET IS BEING USED ... VISIT OUR WEBSITE AT:

www.wrmeadows.com

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WARRANTY: W. R. Meadows of Canada warrants that, at the time and place we make shipment, our materials will be of good quality and will conform with our published specifications in force on the date of acceptance of the order. THE FOREGOING WARRANTY SHALL BE EXCLUSIVE AND IN LIEU OF ANY OTHER WARRANTY, EXPRESS OR IMPLIED, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE AND ALL OTHER WARRANTIES OTHERWISE ARISING BY OPERATION OF LAW, COURSE OF DEALING, CUSTOM OF TRADE OR OTHERWISE. As the exclusive remedy for breach of this Warranty, we will replace defective materials, provided, however, that the buyer examine the materials when received and promptly notify us in writing of any defect before the materials are used or incorporated into a structure. Three (3) months after W. R. Meadows of Canada has shipped the materials, all our Warranty and other duties with respect to the quality of the materials delivered shall conclusively be presumed to have been satisfied, all liability therefore terminates and no action for breach of any such duties may thereafter be commenced. W. R. Meadows of Canada shall in no event be liable for consequential damages. Unless otherwise agreed to in writing, no warranty is made with respect to materials not manufactured by W. R. Meadows of Canada. We cannot warrant or in any way guarantee any particular method of use or application or the performance of materials under any particular condition. Neither this Warranty nor our liability may be extended or amended by our salesmen, distributors or representatives, or by our distributor's representatives, or by any sales information or drawings.