

PRODUCT DATA

W. R. MEADOWS®

SEALTIGHT®

CSI Code: 03050

NO. 1141

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(Supersedes February 2005)

CC-309-2WS™

Water-Base, Resin-Base Concrete Curing Compound

DESCRIPTION

CC-309-2WS water-base, white-pigmented curing compound is a resin-base dispersion with selected white pigments. When properly applied, the product provides a nearly impermeable film, which optimizes water retention. The white pigment reflects the sun's rays to help keep the concrete surface cooler and help prevent excessive heat build-up.

CC-309-2WS meets the maximum VOC content limit of 350 g/L for concrete curing compounds as required by the U.S. EPA Architectural Coatings Rule.

USES

CC-309-2WS is designed for application on exterior, horizontal surfaces, such as highways, airports and street and curb paving – the product provides excellent curing when protection from the sun's heat is desired.

FEATURES/BENEFITS

- When properly applied, provides a nearly impermeable film, which optimizes water retention.
- Protects by reflecting the sun's rays to keep the concrete surface cooler and prevent excessive heat build-up, which can cause thermal cracking.
- Produces hard, dense concrete ... minimizes hair-checking, thermal cracking, dusting and other defects.
- Enhances the functional capabilities of concrete by "sealing in" the performance assets of strength and long-life.
- Offers a compressive strength significantly greater than improperly cured concrete.
- Increases tensile strength for greater resistance to cracking and surface crazing.

- Improves abrasion resistance and minimizes corrosive action of salts and chemicals ... minimizes shrinkage.
- Applies quickly and easily with conventional, commercial spray equipment.
- VOC compliant.

SPECIFICATIONS

- ASTM C 309, Type 2, Class B
- AASHTO M 148, Type 2, Class B
- CALTRANS System 2
- FAA Spec. Item 610 – 2.11(e)
- Formulated specifically for federal, state, county and municipal highway and airport paving projects

PACKAGING

5 Gallon (18.93 L) Pails
55 Gallon (208.20 L) Drums
275 Gallon (1040.99 L) Totes

PHYSICAL PROPERTIES

Drying Time ... Typically dries in 1-2 hours. Drying times may vary, depending on application rate, temperature, humidity and project conditions. Restrict foot traffic for at least four (4) hours. Twelve (12) hours is preferable.

Flash Point ... Greater than 200° F (93° C)

APPLICATION

Preparation ... Application equipment must be clean and free of any previously used materials.

Mixing ... Any settling or separation in the container must be re-dispersed with gentle agitation prior to use. **CAUTION: TO AVOID FOAMING, DO NOT MIX EXCESSIVELY.**

CONTINUED ON REVERSE SIDE...

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Application Method ... Spray on in one even coat with a hand or power sprayer as soon as the surface water disappears from horizontal concrete surfaces. On vertical surfaces, spray on promptly after the forms are removed. Use a Chapin 5797 or equivalent spray tip that produces a flow of ½ gallon (1.89 L) per minute under 40 psi (.276 MPa) of pressure.

Coverage ... Approximately 200 ft²/gal. (4.91 m²/L).

Clean Up ... Prior to drying, application equipment can be cleaned up with soap and water. Once dried, it will be necessary to use mineral spirits or other suitable petroleum distillate.

PRECAUTIONS

KEEP FROM FREEZING. Do not apply when the temperature of the concrete is less than 40° F (4° C). **DO NOT MIX WITH COMPOUNDS CONTAINING SOLVENT – SEPARATION WILL OCCUR. DO NOT ADD OR DILUTE WITH ANY OTHER COMPOUND.** Do not use on surfaces that are later to be painted, tiled, hardened, sealed or treated in any manner. Do not use on patios, sidewalks or other areas where there is typically no wheel traffic to abrade the white film surface. Not recommended for use on residential driveways. Read and follow application information.

For use on roadways and bridges only. (Not for use on curbs and gutters, sidewalks, islands, driveways, and other miscellaneous concrete areas.)

HEALTH HAZARDS

Direct contact may result in mild irritation. Refer to product Material Safety Data Sheet for complete health and safety information.

For MSDS or further assistance, please call 1-800-342-5976.



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

The information contained herein is included for illustrative purposes only, and to the best of our knowledge, is accurate and reliable. W. R. MEADOWS, INC. cannot however under any circumstances make any guarantee of results or assume any obligation or liability in connection with the use of this information. As W. R. MEADOWS, INC. has no control over the use to which others may put its product, it is recommended that the products be tested to determine if suitable for specific application and/or our information is valid in a particular circumstance. Responsibility remains with the architect or engineer, contractor and owner for the design, application and proper installation of each product. Specifier and user shall determine the suitability of products for specific application and assume all responsibilities in connection therewith.