



SHEP CURE 309 CITY WHITE

WATER -BASED, WAX-BASED CONCRETE CURING COMPOUND

DESCRIPTION

The SHEP CURE 309 CITY WHITE series of water-based, white pigmented concrete curing compounds are wax based dispersions with selected white pigments. When properly applied, SHEP CURE 309 CITY WHITE forms a premium-grade membrane, which optimizes water retention. The white pigment reflects the sun's rays to help keep the concrete surface cooler and prevent excessive heat buildup.

USES

SHEP CURE 309 CITY WHITE is ideal for application on exterior, horizontal surfaces, such as highways, airports, and street and curb paving. SHEP CURE 309 CITY WHITE is not recommended for residential applications. The product provides optimum curing when protection from the sun's heat is desired.

TECHNICAL DATA

- **Drying Time:** Typically dries in two hours, depending on jobsite conditions (temperature, wind, etc.). Restrict foot traffic for at least four hours.
- **Flash Point:** >212°F (100°C).

LEED INFORMATION

May help contribute to LEED credits:

- EQ Credit 4.2: Low-Emitting Materials: Paints & Coatings
- MR Credit 5.1: Regional Materials: 10% Extracted, Processed & Manufactured Regionally
- MR Credit 5.2: Regional Materials: 20% Extracted, Processed & Manufactured Regionally

COVERAGE

Approximately 200 ft.²/gal. (4.91 m²/L).

Coverage rates may have to be adjusted in windy conditions.

PACKAGING

5 Gallon (18.93 Liter) Pails

55 Gallon (208.20 Liter) Drums

SPECIFICATIONS

- U.S. EPA Architectural Coatings Rule: 350 g/L maximum VOC for concrete curing compounds.
- SCAQMD Rule 1113: 100 g/L maximum VOC for concrete curing compounds and waterproofing concrete/masonry sealers
- Ozone Transport Commission (OTC): 350 g/L maximum VOC for concrete curing compounds.
- ASTM C 309, Type 2, Class A
- AASHTO M 148, Type 2, Class A
- FAA Spec. Item P-610-2.11 (e)

FEATURES & BENEFITS

- When properly applied, provides a premium grade film, which optimizes water retention.
- Protects by reflecting the sun's rays to keep the concrete surface cooler and prevent excessive heat buildup, which can cause thermal cracking.
- Furnished as a ready-to-use, true water-based compound.
- Produces hard, dense concrete...minimizes hair checking, thermal cracking, dusting and other defects.
- Offers a compressive strength significantly greater than improperly or uncured concrete.
- Increases tensile strength for greater resistance to cracking and surface crazing.
- Improves resistance to the abrasion and corrosive actions of salts and chemicals...minimizes shrinkage.
- Applies quickly and easily with conventional commercial spray equipment. VOC compliant...VOC content is <100 g/L.

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. DO NOT THIN.

Application Method: Spray on in one even coat with a hand or power sprayer as soon as the surface water disappears from concrete surface. Use a Chapin 5797 (or equivalent) spray nozzle that produces a flow of 1/2 gal. (1.89 L) per minute under 40 psi (.276 MPa) of pressure.

Cleanup: Prior to drying, equipment may be easily cleaned with soap and water. Once dried, use mineral spirits or other suitable petroleum solvent.

CSI Code:
03 39 23
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PRODUCT INFORMATION ■ TECHNICAL DATA SHEET

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PRECAUTIONS

KEEP FROM FREEZING. Do not apply when the temperature of the air and/or the concrete is less than 40°F (4°C). DO NOT MIX OR DILUTE WITH ANY OTHER PRODUCTS OR LIQUIDS. 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 applications.

HEALTH AND SAFETY

Direct contact may result in mild irritation. Read and follow all application, label, precautions, and health and safety information prior to use. Refer to Safety Data Sheet for complete health and safety information.

SHELF LIFE (TYPICAL)

One year in original, unopened container.

DISCLAIMER

The information contained herein is included for illustrative purposes only, and to the best of our knowledge, is accurate and reliable. We 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 we have 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.