



SHEP CURE 309 CITY WHITE

CONCRETE CURING COMPOUND

DESCRIPTION

Shep Cure 309 City White water-based, white-pigmented concrete curing compound is a waxbased dispersion 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.

PRIMARY APPLICATIONS

Shep Cure 309 City White is ideal for application on 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.

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.

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

COMPLIANCES

- 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)

TECHNICAL DATA

Drying Time: Typically dries in two hours, depending on job-site conditions (temperature, wind, etc.). Restrict foot traffic for at least four hours.

Flash Point: Greater than 212°F

Coverage: Approximately 200 sq. ft./gal. (4.91 sq. m/L).

DIRECTIONS FOR USE

Preparation: Application equipment must be clean and free of all 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.

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Application: Spray on in one even coat with a hand or power sprayer as soon as the surface water disappears from concrete surface. Use a Shepler's Performance Products sprayer 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.

PACKAGING

5 gallon pails and 55 gallon drums

SHELF LIFE

One year in original, unopened container.

LIMITATIONS

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.

PRECAUTIONS

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

LIMITED WARRANTY: NOTICE - READ CAREFULLY. CONDITIONS OF SALE. Manufacturer offers this product for sale subject to, and Buyer and all users are deemed to have accepted, the following conditions of sale and limited warranty which may be varied by written agreement of a duly authorized corporate officer of Manufacturer. No other representative of or for Manufacturer is authorized to grant any warranty or to waive limitation of liability set forth below.

Warranty Limitation: Manufacturer warrants this product to be free of manufacturing defects. If the product when purchased was defective and was within use period indicated on container or carton, when used, Manufacturer will replace the defective product with new product without charge to the purchaser. Manufacturer makes NO OTHER WARRANTY, either expressed or implied, concerning this product. There is NO WARRANTY OF MERCHANTABILITY. In no case shall Manufacturer be liable for special, indirect or consequential damages resulting from the use or handling of the product, and no claim of any kind shall be greater in amount than the purchase price of the product in respect of which damages are claimed.

Inherent Risk: MANUFACTURER MAKES NO WARRANTY TO THE PERFORMANCE OF THE PRODUCT AFTER IT IS APPLIED BY THE PURCHASER, AND PURCHASER ASSUMES ALL RISKS ASSOCIATED WITH THE USE OR APPLICATION OF THE PRODUCT.