



SHEP SEAL 1315 UV

ACRYLIC CURING & SEALING COMPOUND

DESCRIPTION

Shep Seal 1315 UV acrylic curing and sealing compound is a clear, transparent, ready-to-apply, non-yellowing liquid compound formulated from special acrylic polymers and quick-evaporating solvents that effectively cures and seals freshly placed concrete. Shep Seal 1315 UV meets maximum VOC content limits of 700 g/L for Concrete Curing and Sealing Compounds as required by the U.S. EPA Architectural Coatings Rule.

Once properly applied, Shep Seal 1315 UV provides an impermeable seal for optimum moisture retention. This produces a hard, dense, high-compressive strength concrete. Shep Seal 1315 UV will minimize hairchecking as well as premature cracking, dusting, spalling and other common defects that result when concrete is not properly cured. This easy-to-use compound dries quickly and protects the concrete during construction. It resists adhesion of mortar droppings and permits easier clean-up.

PRIMARY APPLICATIONS

Shep Seal 1315 UV is ideal for application on commercial and industrial concrete surfaces, sidewalks, patios, multilevel parking decks, driveways and parking areas... wherever you want to simultaneously cure and seal concrete surfaces. The use of Shep Seal 1315 UV on any exterior concrete surface provides a durable, longlasting finish that has improved resistance to chemicals, oil, grease, deicing salts and abrasion. Shep Seal 1315 UV provides an attractive, low sheen finish that enhances the natural appearance of the concrete.

FEATURES & BENEFITS

- Provides a totally clear membrane for new or existing concrete that will not yellow.
- Provides a tough, durable, uniform, moisture impermeable, long-lasting film on exterior concrete surfaces.
- Cures and seals freshly placed concrete simultaneously in one application.

- Produces an impermeable seal, yielding optimum moisture retention.
- Minimizes hair-checking, cracking, dusting, spalling and other defects common to improperly cured concrete.
- Provides improved resistance to chemicals, oil, grease, deicing salts and abrasion during construction.
- Provides an attractive sheen that enhances the natural appearance of concrete.
- Applies easily -- dries quickly for less downtime.
- Permits easy clean-up and housekeeping -- reduces floor maintenance costs.
- VOC compliant -- meets the U.S. EPA Architectural Coatings Rule requirements.

SPECIFICATIONS

- ASTM C 1315, Type 1, Class A
- ASTM C 309, Type 1, Classes A & B
- AASHTO M 148, Type 1, Classes A & B
- USDA Accepted

TECHNICAL DATA

Drying Time: Shep Seal 1315 UV dries quickly. Drying times may be extended depending on application rate, temperature, humidity and project conditions. Restrict foot traffic for at least four hours--12 hours is preferable.

Flash Point: 105°F (Estimate)

Coverage*: 300-600 sq. ft./gal.(7.37-14.73 sq. m/L).

*Coverage may vary due to porosity and condition of the concrete.

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DIRECTIONS FOR USE

Preparation:

Existing (old) Concrete: Concrete surface must be clean and dry with all stains, oil, grease, dust and dirt removed prior to application. We recommend a degreaser for cleaning.

New Concrete: Shep Seal 1315 UV should be applied when surface water has completely disappeared and the concrete surface will not be marred by walking workmen.

Application: 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, equipped with a neoprene hose and gaskets, as well as a 9505-E spray tip (or equivalent) is recommended for best results. For optimum performance, apply first coat at 600 sq. ft./gal. After the first coat has thoroughly dried, apply a second coat at 600 sq. ft./gal. NOTE: The second coat should be applied at a right angle.

Cleanup: Application equipment should be cleaned promptly after use with Xylene or Toluene.

PACKAGING

5 gallon pails and 55 gallon drums

SHELF LIFE (TYPICAL)

One year in original, unopened container.

LIMITATIONS

DO NOT DILUTE. Surfaces treated with Shep Seal 1315 UV may become slippery under certain conditions.

Shep Seal 1315 UV 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). Shep Seal 1315 UV 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).

Do not apply Shep Seal 1315 UV if the temperature of the concrete is below 40°F (4°C). Shep Seal 1315 UV 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 Shep Seal 1315 UV. Concrete floors properly cured with Shep Seal 1315 UV 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 Shep Seal 1315 UV. The specifier and user shall determine the suitability of product for specific applications and assume all responsibility in connection therewith.

PRECAUTIONS

Prolonged inhalation of vapors in excess of permissible exposure limits may result in symptoms of transient central nervous system depression. Direct contact with the product may result in irritation of the skin and eyes. Product vapors may also cause irritation. Shep Seal 1315 UV is combustible. Remove ignition sources prior to use. Empty containers may hold combustible vapors. Handle empty containers as combustible liquids. In the event of a spill, contain the product, apply absorbents and place in sealed containers. In the event of a fire, contain all run-off water. 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.