

GEM SEAL 300

INDUSTRIAL GRADE DURABILITY CLEAR GLOSS SEALER & COATING

DESCRIPTION:

Gem Seal 300 is a clear gloss, 100% urethane with 40% active solids, protective Gloss Urethane Coating and Sealer. It is a high-performance waterborne emulsion urethane formulated to comply with V.O.C. regulations. It contains a remarkable combination of high-performance properties that produce protective films which are hard and very impact resistant. Gem Seal 300 is excellent for interior or exterior applications including most sealed and previously coated concrete, metal and hard wood surfaces. Gem Seal 300 features high abrasion, scratch and auto tire mark resistance with superior durability and soil/dirt release. It is easy to use, odorless and environmentally friendly while providing a beautiful and highly protective gloss finish with excellent resistance to a broad range of chemicals.

RECOMMENDED FOR:

- Gemstone Deck Systems
- Concrete Paver Finish Coat
- Warehouse and Garage Floors.

FEATURES / BENEFITS:

- Low VOC's.
- Excellent Light Stability.
- Chemical Resistance.

PACKAGING / ESTIMATING:

Gemstone Gem Seal 300 is packaged in 5 gallon (18.75 L) buckets – DOT approved.

Coverage Rates- Approximately 200 - 400 ft.² per gallon

PERFORMANCE DATA:

Elcometer Adhesion: 100 % Cohesive failure
(ASTM D 4541) 0 % Bond loss.

Thermal Compatibility: 5 Cycles, no delamination
(ASTM C 884)

Scaling Resistance: No Scaling after 50 cycles
(ASTM C 672-91)

TECHNICAL DATA:

Solids	40%
Diluent	Urethane
Clean – Up	Soap and Water
VOC Content:	119 G / Liter
Durability:	Excellent

Light Stability: Excellent

EPA AIM Category Water Repellant Sealer

STORAGE AND SHELF LIFE:

Gem Seal 300 has a shelf life of 12 months if stored in original, unopened containers between 40° – 90° F. (6° – 32° C). Must be kept from freezing.

SURFACE PREPARATION:

Surface should be clean, dry, free of dust, dirt, oil, grease and all other contaminants.

APPLICATION:

Stir contents thoroughly. Apply with short nap roller, brush or spray. Apply at temperatures above 45 degrees Fahrenheit. Apply uniformly and do not leave any puddles or build ups. Two coats are required. Multiple Coats are recommended for areas of heavy traffic or high amounts of chemical exposure. Also, multiple coats may be necessary to achieve the desired thickness and desired finish. Let each coat dry at least 2 hours before recoating. Higher temperatures will accelerate dry time and lower temperatures and high humidity will lengthen dry and cure time.

LIMITATIONS:

- Do not apply coating when rain is expected.
- Gem Seal 200 must be thoroughly agitated before use.
- Do not apply to wet or damp surface.
- Do not apply when air or surface temperature is below 50° F (10° C).
- **DO NOT APPLY TO SURFACES THAT MAY GET WET AND BECOME SLIPPERY TO FOOT TRAFFIC. THIS IS A GLOSSY PAINT AND IT WILL GET SLICK WHEN WET. IF THE SURFACE HAS NOT ALREADY BEEN TREATED TO REDUCE SLID HAZARDS, SAND OR OTHER MATERIAL SHOULD BE ADDED TO THIS PRODUCT BEFORE OR DURING APPLICATION TO REDUCE THIS CONDITION. IT IS THE SOLE RESPONSIBILITY OF THE APPLICATOR OR OWNER TO DETERMINE THE SUITABILITY AND SAFETY OF APPLYING THIS PRODUCT IN AREAS OF PEDESTRIAN TREAFFIC.**

RELATED BULLETINS:

SDS – Gem Seal 300.