

2500 L.V. UV

PRODUCT CODE: 001-25UVR

UV RESISTANT, LOW VISCOSITY 25% CURING AND SEALING COMPOUND

PRODUCT DESCRIPTION

2500 L.V. UV is a UV resistant, low viscosity 25% solids solvent based acrylic copolymer curing and sealing compound, as well as a dust-proofer for concrete surfaces. **2500 L.V. UV** offers improved resistance to rain, the sun, freezing temperatures, stains, and other pollutants that sometimes can be hazardous to concrete. **2500 L.V. UV** forms a moisture retentive film on freshly placed concrete.

BENEFITS/FEATURES

- ◆ Can be used as a means of dustproofing most concrete surfaces.
- ◆ It's low viscosity formula makes this product very easy to spray.
- ◆ Formulated with ease of use in mind, it sprays or rolls out smooth with no roller streaks.
 - ◆ UV resistant medium to high gloss.

RECOMMENDED APPLICATIONS

2500 L.V. UV is recommended for both interior and exterior freshly placed, finished, and aged concrete where a UV resistant, medium to high gloss solvent based curing and sealing compound is specified.

TECHNICAL INFORMATION

Solids.....	25%	Wet Appearance.....	Clear
Drying Time.....	1 - 2 hours	Dry Appearance.....	Clear with Medium Gloss
Re-Coat Time.....	4 - 24 hours	VOC Content.....	<700 g/l
Foot Traffic.....	4 - 6 hours	Blush Resistance.....	Superior
Wheel Traffic.....	24 - 48 hours	Solvent Resistance.....	Minimal
Application Temp.....	40°F - 85°F	Concrete Adhesion.....	Excellent

***Please note that low air and/or concrete temperatures and/or relative humidity may extend drying times. Follow recommended coverage rates for best results.

SPECIFICATIONS/COMPLIANCES

ASTM C 309, Type 1, Class A & B ASTM C 1315, Type 1, Class A AASHTO Specification M-148, Type 1, Class A & B
DRIED COATING IS USDA ACCEPTED

APPROXIMATE COVERAGE RATES

<u>Application Surface</u>	<u>First Coat</u>	<u>Optional Second Coat</u>
New (unsealed) concrete	250-350 ft ²	350-400 ft ²
Old (sealed) concrete	350-400 ft ²	350-400 ft ²

*Coverage rates vary depending upon surface porosity and texture, and application method. Excessive build up should be avoided.

SHELF LIFE

2500 L.V. UV has a shelf life of up to two years in it's original, sealed, unopened container.

PACKAGING

2500 L.V. UV is packaged in 5 gallon pails and 55 gallon drums.

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CURE & SEALS

2500 L.V. UV

INSTRUCTIONS FOR USE

SURFACE PREP: Concrete surface must be clean and free of all contaminants and water. Do not apply if rain is forecast within 24 hours. If moisture is present or if the surface is not clean and free of all contaminants, the sealer may have white spots and have premature de-lamination and failure. May be applied when damp (not "wet") to freshly placed concrete surfaces as a cure & seal.

Substrate temperature must be no less than 40 degrees F and not exceed 80 degrees F. If applied outside these limits the sealer may not achieve adequate film formation and may have excessive air entrapment, bubbles, blushing or hazing.

MIXING: Stir well before using. Material may separate during long term storage.

APPLICATION: Apply using an 3/8" long nap roller cover using long even uniform strokes at approximately 250-400 square feet per gallon depending on porosity and texture of substrate. An airless sprayer containing a .519 tip size may be used as well. Thick or puddle areas may prevent the solvent from evaporating and may be susceptible to moisture intrusion which may cause milky white spots. Applying too thin may cause sealer to prematurely delaminate, flake or wear away. Allow sealer to dry for 24 hours for light traffic and at least 48 hours for heavy traffic. If applying two coats, wait approximately 4 – 6 hours between coats.

FRESHLY PLACED CONCRETE: Horizontal surfaces must be finished and show no "sheen" from bleed water.

PLEASE NOTE: It is always recommended to test the product in a small, inconspicuous area (on the same concrete substrate) for desired results prior to application. Coverage rates may vary for all coatings and substrates depending on porosity, density, texture etc. When applying, do not exceed 400 sq. ft. per gallon. Applying too thin of a coating may cause inadequate film formation or performance expectations may be limited. **DO NOT USE ON BRICK.**

CLEAN-UP

Use Xylene. Dispose of containers in accordance with local and federal regulations.

PRODUCT REMOVAL

Dried, cured sealer may be removed with a commercial paint stripper, such as *Nock-Off* or by using a diamond grinding method, sandblasting method or similar mechanical action.

PRECAUTIONS AND LIMITATIONS

- ▶ **2500 L.V. UV** will not freeze during storage, however, allow temperature to rise to 50 degrees F prior to application.
- ▶ All HVAC ventilation ducts should be somehow blocked prior to application so solvents fumes are not distributed.
- ▶ Keep away from open flames. **2500 L.V. UV** is flammable and is very susceptible to ignition.
- ▶ It is not recommended to apply **2500 L.V. UV** over carpet, tile, or other types of floor adhesives.
- ▶ Coverage rates depend upon many conditions including application method, surface porosity, applicator, ect.
- ▶ **2500 L.V. UV** was designed as a cure & seal and to be applied in one-two medium coats, not one thick coat.
- ▶ Please be aware that this product when cured may be slippery when wet.
- ▶ **2500 L.V. UV** is not resistant to brake fluid, gasoline, and many similar products.
- ▶ It is not recommended to thin **2500 L.V. UV**. Improper thinning may cause sealer to delaminate in a short time frame.
- ▶ **2500 L.V. UV** may darken the surface of many new and existing concrete slabs. Test prior to use.

SPECIAL NOTES

Please consult Material Safety Data Sheet (MSDS) and read Warranty information prior to use. This information can be requested by contacting customer service at 615-323-9461.

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