

PRODUCT DESCRIPTION

AcryliSeal 3591 is a high performance Water-Based Nano-Polymer Acrylic Coating which leaves a random texture anti-slip protective membrane on the concrete surface that both waterproofs and seals. It contains no silicones, waxes, or oils and does not fade, yellow, chip, or peel when applied properly. This coating is created with a new generation of NanoPolymer resin technology that creates a water-based product that will outperform comparable solvent-based (or water-based) products. This acrylic sealer will have much higher resistance to most chemicals including solvents, gasoline, and brake fluid which would not normally be withstood by conventional acrylics. In addition, an extremely tough acrylic surface is formed that is remarkably blush resistant and has many special qualities. Treated surfaces shed water, dirt, soot and chemical contaminants to prevent staining and moisture damage to the matrix. Because of the unusual characteristics of this formulation, it may be used for many different applications.

APPLICATION DATA SUMMARY

AcryliSeal 3591 should be applied over a properly prepared surface that has been primed with AcryliSeal 3501. See Application Instructions for complete information on surface preparation, equipment, environmental conditions, application procedures, and safety precautions. For conditions outside the specifications or limitations described, contact Wolverine Coatings Corporation for details.

SURFACE PREPARATION

Coating performance is directly related to the quality and degree of surface preparation. Prior to overcoating, all surfaces must be clean, dry, undamaged, and free of all contaminants. For more specific information, consult the surface preparation section contained in the Application instructions.

PRODUCT LIMITATIONS

Do not apply to wet or damp surfaces, as this can cause poor bonding or blushing (milky white or frosty appearance). AcryliSeal 3591 is not to be used as concrete curing compound. Differences in porosity and non-uniformity of application on smooth masonry/concrete might affect the even distribution of AcryliSeal 3591.

SAFETY PRECAUTIONS

Read the Safety Data sheet carefully before use. Safety precautions in the SDS should be carefully followed during storage, handling and use. Improper use and handling can be hazardous to health and cause fire or explosion. For further information, please refer to our "Epoxy Resin Safety Handling Guide".

ADVANTAGES

- Brightens, weatherproofs, and provides an anti-slip surface for sidewalk areas.
- Dries hard. Will not attract dirt, airborne dust or grime.
- Reduces moisture entry into concrete surfaces and helps prevent efflorescence.
- Quick drying time. Dry to the touch in 30-40 minutes
- Minimizes spalling of exterior concrete due to soft moisture absorbing aggregates or concrete.

BASIC USES

AcryliSeal 3591 is widely used on concrete substrates to provide an anti-slip surface and to protect against soiling by airborne contaminants or other materials, which by absorption would cause unsightly substrate discoloration. AcryliSeal 3591 offers surface protection, water repellency, and color enhancement.

Patterned/Stamped Concrete – It is particularly effective on textured patterned concrete surfaces where the irregular texture pattern readily traps dirt and other particles causing discoloration.

Decorative Polymer Concretes – Provides a high performance, tough, durable, protective, topcoat seal. Water-white; resists yellowing when exposed to sunlight. Enhances the color of surfaces and provides additional chemical and abrasion protection.

Concrete Pavers – Brings out color and protects paver from fading or color change due to weathering. Helps seal against spillage.

Architectural Concrete - Reduces lime leaching which can etch tinted colored glass, aluminum, etc. Brings out the fresh wet look color of aggregates.

PHYSICAL DATA

| | |
|--|-----------------------|
| Finish: | Glossy |
| Color: | Clear or Tinted |
| Odor: | N/A (Very Low) |
| Solids: | 26.5% by weight |
| Total Coats: | 1 or more |
| Coefficient of Friction (Application Dependant): | > 0.8 |
| Theoretical Coverage | |
| 1 Application | Ft ² / Gal |
| (Depends on Porosity) | 75 |

| | |
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| Dry Time (Depends on Temperature & Humidity) | |
| Light Traffic | 2-3 Hours |
| Normal Traffic | 4-8 Hours |
| Maximum Hardness | 7 Days |

SHIPPING DATA

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|----------------------------------|----------------|
| Packaging: | 5 Gallon Pails |
| Shelf Life (indoors @ 40-100oF): | 12 Months |

SAFETY

For your safety, all required personal protection equipment should be used when operating machinery or handling chemicals. Concrete dust is a source of silica particles and other hazardous materials that can cause silicosis and other illnesses. Proper safety equipment and methods are the responsibility of the installation company, general contractor, and/or facility owner.

WARRANTY

Wolverine Coatings Corporation warrants its products to be free from defects in material and workmanship. Wolverine Coatings Corporation's sole obligation and Buyer's exclusive remedy in connection with the products shall be limited, at Wolverine Coatings option, to either replacement of products not conforming to this Warranty or credit to the Buyer's account in the invoiced amount of the nonconforming products. Any claim under this warranty must be made by the Buyer to Wolverine Coatings in writing within five (5) days of Buyer's discovery of the claimed defect, but in no event later than the expiration of the applicable shelf life, or one year from the ship date, whichever is earlier. Buyer's failure to notify Wolverine Coatings of such nonconformance as required herein shall bar Buyer from recovery under this warranty.

Wolverine Coatings makes no other warranties about the product. No other warranties, whether expressed, implied, or statutory, such as warranties of merchantability or fitness for a particular purpose, shall apply.

Any recommendation or suggestion relating to the use of the products made by Wolverine Coatings, whether in its technical literature, or in response to specific inquiry or otherwise, is based on data believed to be reliable; however, the products and information are intended for use by Buyers having requisite skill and know-how in the industry, and therefore it is for the Buyer to satisfy itself of the suitability of the products for its own particular use and it shall be deemed that Buyer has done so, at its sole discretion and risk. Variation in environment, changes in procedure of use, or extrapolation of data may cause unsatisfactory results.

LIMITATION OF LIABILITY

Wolverine Coatings Corporation's liability on any claims based upon Wolverine Coatings Corporation's negligence or strict liability, for any loss or damage arising out of, connected with, or resulting from the use of the products, shall in no case exceed the purchase price allocable to the products or parts thereof which give rise to the claim. In no event shall Wolverine Coatings Corporation be liable for consequential or incidental damages.

LITERATURE REVISION - TDS: AcryliSeal 3591 - Rev. 220103

Published literature is subject to change without notice. Wolverine Coatings Corporation is constantly engaged in the testing of existing formulations, the development of new innovative technologies, and the evaluation of the latest practices. The latest literature should always be consulted at www.wolverinecoatings.com.



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