

PRODUCT DESCRIPTION

AcryliSeal 3401 is a high performance solvent-based acrylic sealer which leaves a 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. Formulated with methyl-methacrylate copolymers, aromatic solvents, and special additives which result in an extremely tough acrylic surface that has many special qualities.

AcryliSeal 3401 penetrates deeply into the concrete pores providing unusual durability and protection. It will also enhance the color of integral colored concrete or exposed aggregate by giving it a "wet glossy look." 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

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.

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 and weatherproofs exposed aggregate walls and 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 3401 is widely used on concrete substrates to protect against soiling by airborne contaminants or other materials, which by absorption would cause unsightly substrate discoloration.

AcryliSeal 3401 offers surface protection plus 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; will not yellow with exposure 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.

Lightweight Concrete Block – Penetrates into concrete block pores for in-depth protection against moisture. Retards the moisture exchange in concrete that brings soluble concrete salts to the surface.

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

Common and Face Brick – Prevents stains from penetrating into the brick surface. Dried film provides protection against chemical attack and makes brick easier to clean.

PHYSICAL DATA

Finish:	Glossy
Color:	Water White
Odor:	High
Solids:	26.5% by weight
Total Coats:	1 or more
Theoretical Coverage: (1 application, depends on porosity)	200-400 sqft/gal
Dry Time: (@ 77°F / 50% RH)	Light Traffic: 2-3 hours Normal Traffic: 4-8 hours Maximum Hardness: 7 days

SHIPPING DATA

Packaging:	1 Gallon Pails, 5 Gallon Pails
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STORAGE

Shelf Life (indoors @ 40-100°F):	1 year from date of manufacture (factory sealed)
Do not open containers until ready to use. Keep sealed containers in a cool, dry place. Avoid contact with sources of extreme hot or cold temperatures as well as direct sunlight. Containers should be stored at 65°F to 95°F. Shelf life is one (1) year if exposed to the above conditions.	

PRODUCT LIMITATIONS

Do not apply to wet or damp surfaces, as this will cause poor bonding and a milky white or frosty appearance. AcryliSeal 3401 is not to be used as concrete curing compound. It is not compatible with damp surfaces.

Although AcryliSeal 3401 is a clear, non-yellowing film, any clear coating can change the light refraction characteristics of the surface giving the visual effect of a slight color change. Differences in porosity and nonuniformity of application on smooth masonry/concrete might affect the even distribution of AcryliSeal 3401.

Application will give the colored surface a gloss wet look and will generally deepen the color. It will accentuate color variations or trowel burns. Always coat a test area to determine acceptability and to assure desired aesthetic results.

Some brick, color stuccos, mortars, and cements will bleed color when subjected to a solvent-based coating. On brick and colored masonry surfaces a test area is imperative to determine compatibility and adhesion.

AcryliSeal 3401 is flammable and toxic in the liquid state. If interior surfaces are being coated (especially if spray equipment is being used) the application area should be well ventilated. Open foods, meats, vegetables and dairy products may pick up the solvent odors when applied AcryliSeal 3401 is drying. All food items should be removed prior to application and until the sealer has had time to fully dry.

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 3401 - Rev. 250203

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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LITERATURE REVISION - TDS: IllumiFlect 3031 - Rev. 220103

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