



Top Coat Sealer 622 (Clear)

Clear, Single Component, Water-Based Hybrid Top Coat

Generic Spec

Section 071800 / 071816 / 096700 / 096713

Product Name

Top Coat Sealer 622 (Clear)

By

AVM Industries, Inc.
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Product Description

AVM 622 Top Coat Sealer is a single-component, water-based hybrid clear coating that can be applied by spray, squeegee, or roller. Engineered with advanced substrate penetration characteristics, it forms a durable protective barrier that enhances surface performance and longevity. The coating is suitable for light-, medium-, and heavy-duty traffic environments and is recommended for both interior and exterior applications on vertical and horizontal substrates. Formulated to meet low-emission requirements at 50 VOC, AVM 622 Top Coat Sealer provides long-term protection against water intrusion, abrasion, surface wear, and environmental exposure while preserving the appearance of new and existing substrates.

Where to Use

AVM 622 Top Coat Sealer is intended for use as the Topcoat for AVM 620 and AVM System 100 Deck Coatings. It can also be applied to properly prepared interior or exterior concrete, plywood, and metal surfaces.

Warranty

Contact AVM Industries for warranty details.

Delivery, Storage, and Handling

- Delivery of all the system materials to the job site must be in their original sealed containers and bags, with manufacturer's name and label intact.
- Handle and store containers and bags in accordance with printed instructions.
- Store at temperatures between 60°F and 90°F.
- Keep all materials out of the reach of children.
- If irritation occurs during use, liberally flush affected areas with water. If irritation continues, see a physician immediately.

Installation

Surface Preparation: Concrete surfaces require a medium sandpaper finish equal to or greater than an ICRI CSP #3. Surface preparation may be completed by shotblasting. Peel and adhesion tests are recommended. Install a 100-200 sq.ft sq/ft mockup of the system to be installed and approved for aesthetics, color, texture, actual coverage rates and functionality before proceeding.

Mixing: AVM 622 Top Coat Sealer should be thoroughly mixed by using a mechanical mixer at slow speed or for at least 5 minutes if by hand.

Application: AVM 622 Top Coat Sealer should be applied uniformly at a coverage rate of approximately 300 ft² per gallon (0.14 L/m²), ensuring a continuous, puddle-free film. The coating may be applied using an airless spray system, squeegee, brush, or phenolic-core roller, depending on substrate conditions and project requirements.

When installing AVM 622 Top Coat Sealer as a topcoat over a quartz or sand broadcast finish, the material shall be applied at a minimum thickness of 25 dry mils, yielding approximately 55 square feet per gallon. Due to the absorption characteristics of the aggregate layer, actual coverage rates may vary and should be verified with a wet mil gauge to ensure the required film thickness is achieved.

Prior to application, any surface pinholes, bug holes, or minor voids in the concrete substrate should be pretreated and filled with AVM 622 Top Coat Sealer, allowing sufficient drying time before subsequent coating operations. Proper filling and sealing of these discontinuities minimizes substrate outgassing and helps ensure the formation of a uniform, defect-free coating system in subsequent deck coating applications.

Curing: At 75°F (24°C) and 50% relative humidity, allow each coat to cure a minimum 30 minutes to 2 hours. Cure time will vary depending on temperature and humidity.

Allow a minimum 30 minutes to 2 hours before permitting light pedestrian traffic and at least 12 hours before heavy traffic. Cure time will vary depending on temperature and humidity.

Cleanup: Equipment should be cleaned with water immediately after use.

Limitations: Surfaces must be dry, clean, and free of foreign matter. Containers that have been opened must be used as soon as possible. Do not dilute. Materials should be used within 20 minutes.

Maintenance

Contact AVM for Details

Shelf Life

AVM 622-Clear Top Coat has a shelf life of 24 months from date of manufacture.

Availability and Cost

Contact AVM Industries or your approved applicator for pricing and availability.

Technical Services

Technical services are available by contacting our offices at: 888.414.1041 or 818.888.0050 or visit www.avmindustries.com

System Specifications

See next page.

Item	Packaging	Approx. Shipping Weights	VOC
Top Coat Sealer 622 (Clear)	5 Gal Kit	56 lbs	50 g/l

Property	Results	Test Method
Specific Gravity	1.27 ± 0.1	
Hardness	80 ±3	ASTM D-2240 Shore A
Pot Life (min @ 75°F [24°C], 50% RH)	60-90 minutes	
Dry Film Thickness per Coat	12-30 mils (304-762) ± 25 microns)	
Viscosity, at 75°F (24°C)	1200 ±50cps	
Total Solids by Volume	84% ± 2	ASTM D-2697
Total Solids by Weight	90% ± 2	ASTM D-2369
Volatile Organic Compounds	<0.41 lbs/gallon (50 gm/liter)	ASTM D-2369-81

Coverages

Item	Coverage Rate
Top Coat Sealer 622 (Clear)	1 gallon/300 sq.ft

Note: These are theoretical coverage rates and may vary depending on substrate types or if used as a topcoat over sand.

For a complete list of details in BIM (revit), CAD or PDF, please visit our website at www.avmindustries.com.

Approval(s): <https://www.avmindustries.com/approvals/>
Learn more about the detailed standards our products meet for approvals by various US or International Agencies or Code Councils

Patent(s): <https://www.avmindustries.com/patents/>
Some features of our product or assembly may be protected under one or more US or International Patent(s)

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