



PRODUCT DATA

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AGRI-SEAL

**A CLEAR NON-FLAT ACRYLIC AGGREGATE GLAZE COAT FINISH
"THE WET LOOK"**

PRODUCT SERIES: 103-012

PRODUCT DESCRIPTION

A New Low 340 VOC Clear Non-Flat Interior/Exterior Acrylic Lacquer Sealer Finish which contains chemical and weather resistant properties to **protect, enhance, beautify and retain a desirable natural appeal** for a variety of exposed aggregate substrates with the "Wet Look".

INTENDED USE

Agri-Seal is designed to be used as an **Excellent Glaze Coat for Concrete Floors and Walls, as a Terrazzo, Tile or Magnesite Sealer, and as a Clear Waterproof Sealer on Masonry or Tilt Up Concrete Surfaces, and a Variety of Aggregate Substrates**, where the coating is not required to seal bridged cracks or voids.

SURFACE PREPARATION

WARNING!

If you scrape, sand, or remove **Old Paint**, you may release **Lead Dust**. **LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE.** Wear a NIOSH-Approved Respirator to control **Lead Exposure**. Clean up carefully with a **HEPA Vacuum and Wet Mop**. Before you start, find out how to protect yourself and your family by contacting **The National Lead Information Hotline at 1-800-424-LEAD** or log on to www.epa.gov/lead.

ALL SURFACES

Must be clean, dry and free of dust, dirt, oil, grease, wax or any contamination that would adversely affect the adhesion or performance of this coating. Remove all oil, dirt, and other contaminants by cleaning with a compliant commercial cleaner/degreaser. The surface must be rinsed thoroughly with water, leaving no residue from the cleaner/degreaser, and allow it to dry.

ALL MILDEWED SURFACES

Existing mildew should be removed by washing the affected areas with a 3:1 solution of water and chlorine bleach or reliable commercial mildewcide. Keep applying until all discoloration is removed. Rinse thoroughly and allow surface to dry before coating.

NEW MASONRY, CONCRETE, TILT UP OR UNCOATED MASONRY SURFACES

Scrape, wire brush, mechanical grind or sandblast to remove loose or unsound concrete and to remove any efflorescence, laitance (white powder or dust) from the surface, followed by compressed air removal. (All new substrates should cure for a minimum of 30 days before coating. Very dense, non porous, or chemically treated concrete may require overall etching, abrasive blasting or sanding to ensure proper coating penetration.) Remove any mold release oil with Simpson coatings Xylol #301-011(Except as restricted by your local Air Quality District). All surfaces should be dry at time of application.

APPLICATION

Estimation of practical coverage of this product can be variable and is completely dependent on application technique i.e., (determine amount of wet film thickness application to achieve dry film thickness) and the porosity of the substrate.

Drying time and curing time can be adversely affected by extreme high/low substrate and atmospheric temperature variances, along with extreme high/low humidity. Apply when **air, product and surface temperatures** are between **60 °F – 90 °F**, the relative humidity is no greater than **85%**, and surface is at least **5 °F** above the dew point.

Do not shake or agitate the container. This will create excessive air entrapment in the coating material resulting in a propensity to blister and pinhole. **STIR** the product thoroughly before and during application, keeping the product dispersed for uniform consistency in the finish coat.

DO NOT APPLY OVER PREVIOUSLY PAINTED SURFACES

CAUTION: *When applying this product to Driveways, Sidewalks, Walkways or Decks, it is recommended that all Water Systems (water sprinklers, soaker hoses, fountains etc.) remain turned off during the specified drying/curing times.*

Apply Simpson Coatings Agri-Seal with professional brush, roller, airless and conventional spray technology. Apply one coat of Agri-Seal at 3.5 to 4.0 mils wet to achieve 1.0 to 1.5 mils dry film thickness allowing 2 to 4 hours dry time to recoat.

SECOND COAT: Surfaces should be tack free before recoating (**a minimum of 2 to 4 hour dry time**). Apply second coat at 3.5 to 4.0 mils wet to achieve 1.0 to 1.5 mils dry film thickness. A 24 to 36 hour dry time must be allowed for light foot traffic, a full 7 to 10 day cure time is required for multiple coats and for heavy equipment traffic. (**DO NOT EXCEED THREE COATS OF AGRI-SEAL @ 3.5 to 4.0 MILS WET**).

THINNING/CLEAN-UP

AIR ATOMIZED/AIRLESS SPRAY:

DO NOT THIN THESE PRODUCTS. *These products are ready-to-apply as packaged.* Thinning these products can adversely affect film building properties, dry/cure times, and volatile organic compound (V.O.C.) emissions. Please review the U.S. E.P.A. National Rule and your Local Air Quality Management Districts Rules and Regulations regarding V.O.C. emissions and Clean Up Products Regulations for Architectural and Industrial Maintenance Coatings.

CLEAN-UP

Use Simpson Coatings Acetone #304-013 for cleaning Application Tools and Spray Equipment only! **EXCEPT AS RESTRICTED BY YOUR LOCAL AIR QUALITY MANAGEMENT DISTRICT.**

EQUIPMENT RECOMMENDATIONS

BRUSH/ROLLER

Use a high quality synthetic brush or 50/50 blends of roller covers (1/4" - 3/8"). Apply the product with an adequate amount of coating material. **Do not re-brush or back-roll during the application.**

SPRAY

Agri-Seal Clear Acrylic Lacquer can be applied by Professional Airless, Conventional or HVLP Spray Technology.

SPRAY

Please Note! Caution should be taken with floor substrates such as Concrete, Terrazzo, Tile, Ceramics, and Any Natural Aggregate Walkway, that are coated with Agri-Seal, the surface may become slippery when wet.

103-012 Agri-Seal Technical Data/Physical Properties

Resin Type: Acrylic
 Solvents: Acetone, Aliphatic Hydrocarbon
 Coatings V.O.C. 340 G/L

ANALYSIS				PRODUCT COVERAGE		
% Solids by weight	% Solids by volume	Gloss	Viscosity	Recommended Dry Film Thickness	Recommended Wet Film Thickness	Practical Coverage (assume 15% material loss)
36.9-29.0 %	20.1-22.0 %	75+ @ 60 °	20 Max. #4 Ford @ 77 °F	1.0-1.5 mils	3.5-4.0 mils	150-175 sq. ft.
						Theoretical Coverage @ 1 mil D.F.T. 175-200 sq. ft.

103-012 Agri-Seal

Dry times @ 77° F and 50% R.H.

Tack Free: 15-30 minutes

Handle: 60-90 Minutes

Sand/Recoat: 2-4 Hours

Full Dry/Cure: 7-10 Days

Special Instructions :

WARNING: THIS PRODUCTS CONTAINS CHEMICALS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER AND BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM.

Proposition 65 Warning

TECHNICAL SERVICE: Technical Services are available through Simpson Coatings Technical Service Support at 1-800-877-5997

LIMITED WARRANTY: The statements on this bulletin product label, or by any of our agents concerning these materials are given for information only. They are believed to be true and accurate and intended to provide a guide to approved construction practices and materials. As workmanship, weather, construction equipment, quality of other materials and other variables affecting results are all beyond our control. The Simpson Coatings Group does not make nor does it authorize any agent or representative to make any warranty of MERCHANTABILITY OR FITNESS for any purpose or any other warranty, guarantee or representation, expressed or implied, concerning this material except that it conforms to Simpson Coatings quality control standards. Any liability whatsoever of Simpson Coatings Group to the buyer or user of this product is limited to the purchaser's cost of the product itself.