



PRODUCT DATA

111 South Maple Avenue, South San Francisco, CA 94080

800-877-5997 • (650) 873-5990 • FAX: (650) 873-7441

275 WATER WHITE PREMIUM PRECATALYZED LACQUER "SOLVENT BASE"

PRODUCT SERIES: 275-89X

PRODUCT DESCRIPTION

275 Water White Premium Precatalyzed Lacquers are extremely durable single component self-sealing, modified nitrocellulose finishes that meet or exceed the rigid performance standards of the National Kitchen Cabinet Association (N.K.C.A.). They are specifically formulated to meet the requirements of the Architectural/Wood Product Coatings Rules/Regulations and V.O.C. Emission Schedules in the various marketed Air Quality Districts. Using these Lacquer Products in tandem with Simpson Coatings Non-Stearated Clear Vinyl Sanding Sealer # 275-440, clearly providing the ultimate moisture resistant wood finishing system that has true "Water White" color clarity (non amber tone), with an exceptional level of resistance to harsh chemicals/solvents, abrasion and alkali.

INTENDED USE

275 Water White Premium Precatalyzed Lacquers are formulated for use on all types of Interior Wood Products such as Kitchen Cabinets, Furniture, Millwork, Doors, Decorative Trim/Molding and Paneling or anywhere a hard abrasion and moisture resistant finish is desired. 275 Water White Premium Precatalyzed Lacquers are available in four Gloss Finishes, packaged in Five Gallon and One Gallon containers.

275-892
Gloss

275-893
Semi-Gloss

275-894
Flat

275-897
Satin

275-898
Dead Flat

NOTE: Simpson Coatings 275 Water White Premium Precatalyzed Lacquers are self-sealing finishes and are not recommended for use over conventional Stearated Sanding Sealers/Finishes.

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 non-V.O.C. regulated commercial cleaner/degreaser. Rinse thoroughly and allow the surface 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.

SURFACE PREPARATION continued**NEW SURFACES****NEW WOOD SURFACES**

Where appropriate, sand the surface smoothly with 180 grit or finer sandpaper prior to staining or sealing. Dust and sand residue should be removed with a clean cotton cloth or vacuumed prior to coating with Simpson Coatings Stain. Apply one coat of Simpson Coatings Stain/Woodtone Sealer without thinning, allowing 3 to 5 minutes surface setting time for the Stain/Woodtone Sealer to uniformly develop itself. Allow 30 to 45 minutes drying time before applying the Simpson Coatings 275 W.W. Premium Precatalyzed Lacquer #275-89X. Apply a wet cross coat of Precatalyzed Lacquer #275-89X as a seal coat allowing 30 to 60 minutes dry time between each coat.

NOTE: For those wood substrates that are more opened grain in texture, have soft grain porosity or for increasing moisture resistance in the finish, it is recommended to apply one coat of Simpson Coatings 275 Clear Vinyl Sanding Sealer #275-440 as a seal coat, allowing 30 to 60 minutes dry time prior to recoating.

PREVIOUSLY COATED SURFACES**ALL PREVIOUSLY COATED SURFACES**

Clean thoroughly as directed for all surfaces. Remove all loose peeling coatings and chalk oxidation by sanding. Glossy surfaces should be scuffed/sanded for maximum adhesion. All previously coated surfaces must be coated with a **Simpson Coatings Non-Stearated Clear Sanding Sealer #275-440 for those surfaces that will be coated with the 275 W.W. Premium Precatalyzed Lacquer Finishes.** A test patch of these products over the previous coating is recommended. If lifting or wrinkling occurs, refrain from using the Lacquer system. Surfaces requiring complete restoration must have the finish removed by either power sanding or the use of a paint/varnish remover, then treated as a new surface.

PREVIOUSLY COATED WOOD SURFACES

Clean thoroughly as directed above for all previously coated surfaces.

APPLICATION

Estimation of practical coverage of this product can be variable and is completely dependent on application technique i.e. (determine the 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 variance, 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 surfaces 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.

Simpson Coatings 275 W.W. Premium Precatalyzed Lacquer Finishes are designed for use over Simpson Coatings Stains. If other manufacturer's conventional oil stains or other types of stains, glazes, and toners are used, these products must be thoroughly dry/cured per the manufacturer's recommendation before applying the 275 W.W. Premium Precatalyzed Lacquer Finishes.

NOTE: DO NOT EXCEED 2 COATS OF 275 W.W. Premium Precatalyzed Lacquer Finishes @ 3.1-4.6 MILS WET TO ACHIEVE 0.5-0.75 MILS DRY FILM THICKNESS OVER ONE SEAL COAT.

WOOD SURFACES

Apply Simpson Coatings 275 W.W. Premium Precatalyzed Lacquer Finishes with Professional Airless, Conventional, or HVLP Spray Technology. Apply one coat of Simpson Coatings 275 W.W. Premium Precatalyzed Lacquer Finishes #275-89X as a seal coat @ 3.1 to 4.6 mils wet to achieve 0.5 to 0.75 mils dry film thickness, allowing 30 to 60 minutes dry time to recoat. Inspect surface for any raised fibers or imperfections. Apply second coat allowing 10 o 12 hours dry time for light traffic use, a full 24 to 48 hours cure time for heavy traffic use.

PREVIOUSLY COATED SURFACES

As directed in surface preparation, a test patch of the 275 W.W. Premium Precatalyzed Lacquer Finishes is recommended. If no lifting occurs, apply two coats of the 275 W.W. Premium Precatalyzed Lacquer Finishes #275-89X at 0.5 to 0.75 mils dry film thickness. Allow 30 to 60 minutes dry time to recoat. A 10 to 12 hour dry time must be allowed for light traffic use, a full 24 to 48 hour cure time is required for heavy traffic.

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 compounds (I.E.) emissions. Please review the U.S. E.G. National Rule and your Local Air Quality Management District 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**

Not Recommended. Spray application only.

SPRAY

Contractors 275 Furniture Lacquer Sealers and Finishes can be applied by Professional Airless, Conventional or HVLP Spay Technology.

SHELF LIFE/STORAGE

275 W.W. Premium Precatalyzed Lacquer Finishes should be limited in stock due to shelf life **(maximum of six months storage @ 77 °F).**

275-89X 275 Water White Premium Precatalyzed Lacquer Technical Data/Physical Properties

Resin Type: Nitrocellulose Lacquer
Solvents: Alcohols, Aliphatic & Aromatic Hydrocarbons, Esters, Glycol Ethers & Ketones.
Coatings V.O.C. < 275 G/L

PRODUCT	ANALYSIS					PRODUCT COVERAGE			
	% Solids by weight	% Solids by volume	Gloss	Viscosity	Wt. Per Gallon	Recommended Dry Film Thickness	Recommended Wet Film Thickness	Practical Coverage (assume 15% material loss)	Theoretical Coverage @ 1 mil D.F.T.
275-892 W.W. Premium Gloss Precatalyzed Lacquer	23.5-25.5	19.0-21.0	80+	23-27 #2 Zahn	8.0-8.6	0.5-0.75	3.1-4.6	255-295 sq. ft.	305-345 sq. ft.
275-893 W. W. Premium Semi-Gloss Precatalyzed Lacquer	23.8-25.8	19.2-21.2	57-63	23-27 #2 Zahn	8.0-8.6	0.5-0.75	3.1-4.6	255-295 sq. ft.	305-345 sq. ft.
275-894 W.W. Premium Flat Precatalyzed Lacquer	24.4-26.4	19.6-21.6	7-10	23-27 #2 Zahn	8.0-8.6	0.5-0.75	3.1-4.6	255-295 sq. ft.	305-345 sq. ft.
275-897 W.W. Premium Satin Precatalyzed Lacquer	24-1-26.1	19.4-21.4	27-33	23-27 #2 Zahn	8.0-8.6	0.5-0.75	3.1-4.6	255-295 sq. ft.	305-345 sq. ft.

Dry times @ 77° F and 50% R.H.

Tack Free: 10-15 Minutes

Handle: 15-30 Minutes

Sand/Recoat: 30-60 Minutes

Full Dry/Cure: 24-36 Hours

Special Instructions :

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

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.