



# PRODUCT DATA

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## MAR-PROOF 275 LACQUER FINISH "FURNITURE FINISH"

PRODUCT SERIES: 275-11X

### PRODUCT DESCRIPTION

Mar-Proof 275 Lacquer Sealers and Finishes are high solid, nitrocellulose Lacquers that have high film build with excellent flowing qualities. These products are uniquely formulated to require minimal sanding sealer and less sanding in between coats. These Lacquer Sealer/Finish System when used in tandem with Simpson Coatings Stains, **provide a top-line heat/mar resistant finish system that is impervious to water, detergent, alcohol and is resistant to common food stain substances such as mustard and catsup.**

### INTENDED USE

Mar-Proof 275 Lacquer Sealer and Finishes are designed to be used for professional application over **fine furniture, kitchen and bathroom cabinetry, wood paneling, interior wood doors and trim, or any decorative interior wood fixture such as stair rails and spindles, fashionable wood molding and accents, that requires a High Durable Mar/Impact Resistant Finish.** Mar-Proof is available in a sanding sealer and four different gloss finishes, and is packaged in five gallon and one gallon containers.

**275-111**  
Sanding Sealer

**275-112**  
Gloss

**275-113**  
Semi-Gloss

**275-117**  
Satin

**275-114**  
Flat

**NOTE: Mar-Proof Sealer/Finishes are not recommended for use over Whites or Light Pastel Color Wood Stains.**

### 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](http://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.

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.

**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 without thinning. Allow 30 to 45 minutes drying time before recoating with Simpson Coatings Mar-Proof Sanding Sealer # 275-111.

**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. For previously coated surfaces, a test patch of The Simpson Coatings Lacquer Sealer/Finish 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 Mar-Proof 275 Lacquer Sealer/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 Mar-Proof 275 Lacquer Sealer/Finishes.

**WOOD SURFACES**

Apply Simpson Coatings Mar-Proof 275 Lacquer Sanding Sealer and Finishes with Professional Airless, Conventional, or HVLP Spray Technology. Apply one coat of Simpson Coatings Mar-Proof 275 Sanding Sealer #275-111 @ 2.9 to 4.4 mils wet to achieve 0.5 to 0.75 mils dry film thickness, allowing 30 to 45 minutes dry time to recoat. Inspect surface for any raised fibers or imperfections. Sand lightly imperfect areas. Apply first coat of Simpson Coatings Mar-Proof #275-11X Lacquer Finishes at 2.2 to 3.8 mils wet to achieve 0.5 to 0.75 mils dry film thickness. Allow 30 to 60 minutes dry time to recoat. Repeat recoat application as necessary to achieve desired build and finish. Allow the final coat of the Lacquer Finish to dry 10 to 12 hours for light traffic use, a full 24 to 36 hours cure time.

**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**

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

## 275-11X Mar-Proof 275 Lacquer Finish "Furniture Finish" Technical Data/Physical Properties

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

### ANALYSIS

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.
275-111 Mar-Proof 275 Sanding Sealer Lacquer	24.1-26.1%	17.0-19.0 %	Flat	30-35 Sec. #4 Ford	7.3-7.9	0.5-0.75 mils	2.2-3.8 mils	190-230 sq. ft.	225-265 sq. ft.
275-112 Mar-Proof 275 Gloss Lacquer	26.4-28.4%	19.6-21.6%	80+	30-35 Sec. #4 Ford	7.4-8.0	0.5-0.75 mils	2.2-3.8 mils	190-230 sq. ft.	225-265 sq. ft.
275-113 Mar-Proof 275 Semi-Gloss Lacquer	26.4-28.4%	19.6-21.6%	40-60	30-35 Sec. #4 Ford	7.4-8.0	0.5-0.75 mils	2.2-3.8 mils	190-230 sq. ft.	225-265 sq. ft.
275-114 Mar-Proof 275 Flat Lacquer	26.0-28.0%	18.8-20.8%	15 Max	30-35 Sec. #4 Ford	7.4-8.0	0.5-0.75 mils	2.2-3.8 mils	190-230 sq. ft.	225-265 sq. ft.
275-117 Mar-Proof 275 Satin Lacquer	26.1-28.1%	19.0-21.0%	21-27	30-35 Sec. #4 Ford	7.4-8.0	0.5-0.75 mils	2.2-3.8 mils	190-230 sq. ft.	225-265 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** :

### Proposition 65 Warning

**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

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