



PRODUCT DATA

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CONTRACTORS 275 LACQUER FINISH "SOLVENT BASE"

PRODUCT SERIES: 275-4XX

PRODUCT DESCRIPTION

The Contractors 275 Lacquer Sanding Sealer and Finishes are clear interior high solids Lacquers formulated for the Contractors economy. These Lacquer Sealers and Finishes are designed for **professional application to open or closed grain interior finished wood surfaces**, where multiple build coats may be applied rapidly to obtain a solid, tough, yet decorative finish.

INTENDED USE

The Contractors 275 Lacquer Finishes are recommended for cabinets, doors, woodwork, virtually any finishing hard woods such as Birch or Ash, as well as soft woods like Pine or Fir. Contractors Lacquers are available in a Sanding Sealer with four different Gloss Finishes, and are packaged in five gallon and one gallon containers.

275-449
Sanding Sealer

275-460
Gloss

275-471
Semi-Gloss

275-461
Satin

275-473
Flat

NOTE: Contractors 275 Lacquer 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**.

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 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 without thinning. Allow 30 to 45 minutes drying time before recoating with Simpson Coatings Contractors 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 Contractors 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 Contractors 275 Lacquer Sealer/Finishes.

WOOD SURFACES

Apply Simpson Coatings Contractors 275 Lacquer Sanding Sealer and Finishes with Professional Airless, Conventional, or HVLP Spray Technology. Apply one coat of Simpson Coatings Contractors 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 Contractors #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

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

275-4XX Contractors 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

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.
275-449 Contractors 275 Sanding Sealer Lacquer	21.8-23.8	15.4-17.4	Flat	20-25 #2 Zahn	8.8-9.4	0.5-0.75 mils	2.2-3.8 mils	190-230 sq. ft.	225-265 sq. ft.
275-460 Contractors 275 Gloss Lacquer	21.0-23.0	14.7-16.7	80+	20-25 #2 Zahn	6.9-7.5	0.5-0.75 mils	2.2-3.8 mils	190-230 sq. ft.	225-265 sq. ft.
275-471 Contractors 275 Semi-Gloss Lacquer	21.2-23.2	14.8-16.8	57-63	20-25 #2 Zahn	6.9-7.5	0.5-0.75 mils	2.2-3.8 mils	190-230 sq. ft.	225-265 sq. ft.
275-461 Contractors 275 Flat Lacquer	21.6-23.6	15.0-17.0	21-27	20-25 #2 Zahn	6.9-7.5	0.5-0.75 mils	2.2-3.8 mils	190-230 sq. ft.	225-265 sq. ft.
275-473 Contractors 275 Satin Lacquer	21.8-23.8	15.1-17.1	5-15	20-25 #2 Zahn	6.9-7.5	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 :

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.