

DuraCat™ 275 Sealer

CLEAR PRE-CATALYZED LACQUER SANDING SEALER

Product Code: **651825NF**

DuraCat™ 275 Sealer is a high build water-clear pre-catalyzed lacquer sanding sealer for use with Rudd DuraCat 275 Pre-Catalyzed Lacquers.

Ideal for

Doors & Millwork
Cabinetry
Casegoods
Fixture & Display
Furniture
Interior Wood Work

AIM compliant 275 g/l VOC
NESHAP compliant—JJ (furniture)
NESHAP compliant—QQQQ (doors & windows)

Benefits

Water-Clear
Non-yellowing
Excellent water resistance
Excellent hang and sag resistance
Good holdout
Enhanced blush resistance
Superior bubble release and film clarity
Low odor
Easy sand
Ultra low HAP

APPLICATION DATA

SURFACE PREPARATION: "White sand" wood with maximum 150 grit aluminum oxide sandpaper. Remove all sanding dust. Keep free of dirt, grease, silicone oils, lubricants and other contaminants.

APPLICATION EQUIPMENT: This product is designed for spray application through all types of equipment. The recommended settings below are with trigger pulled.

Airless	No thinning required. Spray at 1000 to 1200 psi 411 or 513 tip
Air Assist	No thinning required. Spray at 700 to 900 psi fluid pressure 10-12 psi air cap 411 or 513 tip
HVLP	No thinning required. Spray at 28 psi through a 1.4 fluid nozzle

THINNING: This product is designed to spray at package viscosity with most application equipment. Thinning requirements may vary with changes in temperature and spray room conditions. If thinning is desired, use 652081 VOC Exempt Lacquer Thinner, 652210 No-HAP Lacquer Thinner, or Acetone.

Note: Thinning will reduce film build and may increase VOCs or HAPs, unless using VOC exempt or HAP-free solvents.

AGITATION: This product must be kept under slow, constant agitation, to ensure proper mixing.

CLEAN UP: Use acetone or suitable VOC compliant clean-up solvent.

FINISHING SYSTEM

STAIN: When staining wood, use Rudd Colortools™ Low VOC Dye Stain, Colortools™ Low VOC Spray Only Stain, or Colortools™ Low VOC Wiping Stain.

SEAL: Apply one coat (3-5 mils wet) of DuraCat 275 PreCat Sealer. Allow to dry 20-25 minutes*, sand with 220/320 grit silicon carbide sandpaper before finishing.

FINISH: Apply two coats (3-5 mils wet) of Rudd 651885 DuraCat 275 PreCat Finish. Allow 20-25 minutes* dry time and sand with 220/320 grit silicon carbide sandpaper between coats.

If desired, additional coats may be applied up to a total dry film of 5.0 dry mils.

*Dry times may vary with film thickness, temperature, humidity and air movement.

SAFETY PRECAUTIONS

Avoid breathing vapors, use a NIOSH approved cartridge respirator. Use pre-filters to avoid breathing spray particles or sanding dust.

Flammable Liquid and Vapor: Keep away from heat, sparks and flame. Ensure adequate ventilation during use. Clean up spills with non-sparking tools and inert absorbent material. Store solvent and lacquer soaked rags and filters in water-filled, closed container prior to disposal. Dispose in safe, approved manner.

Read Safety Data Sheet and label before using.

SPECIFICATIONS

Coverage	250 square feet per gallon @ 1 mil dry film thickness
Viscosity	17-19 seconds (#2 Zahn Cup @ 77°F)
Sag Resistance	5 mils vertical @ 65-70°F
Solids	22.1% by weight 1.6 lbs per gallon
VOC (Volatile Organic Compounds)	Calculated: 273 g/l (2.28 lb/gal)
HAP (Hazardous Air Pollutants)	Pounds HAP per Gallon: 0.0017 Pounds HAP per Pound Solids: < 0.8 (actual 0.0011) Pounds HAP per Volume Solids: <0.48 (actual 0.0109)
Dry to Sand	20-25 minutes @ 65-70°F
CAUTION: Thinning will reduce film build and may increase VOCs or HAPs, unless using VOC exempt or HAP-free solvents.	

APPLICATION PRECAUTIONS

DuraCat 275 PreCat Sealer has a limited shelf life of approximately 6 months from date of manufacture. Usability and performance may not be determined by viscosity. Shelf life will vary with storage conditions.

Do not use DuraCat 275 PreCat Sealer in heated spray equipment.

Finish, substrate and curing temperatures should remain above 60° F, extremes of temperature and humidity may affect product performance.

Apply only one coat of DuraCat 275 PreCat Sealer. If film build is desired, build with multiple topcoats.

Total film build of finishing system must not exceed 5.0 dry mils.

This product is not recommended for exterior use.

Clear finishes will not prevent natural (unstained) wood from changing color over time.

This product has been tested on a limited number of substrates and over a limited number of coatings. The user is responsible for testing suitability and performance for their specific application.

Designed for professional use by spray application only

Shipping & Storage Information

Flash Point: -4° F Pinsky-Martin

OSHA Flammability Class: Flammable Liquid—Class IB

DOT Class: Paint, 3, UN 1263, PG II



Gemini Industries, Inc. • 421 SE 27th St. • El Reno, OK 73036
 ruddwoodfinishes.com • 800 262-5710

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