

DuraCat™ 275 VOC Sealer

WATER CLEAR PRE-CATALYZED SANDING SEALER

Product Code: 651825

DuraCat™ 275 VOC Clear Sealer is a high build water clear pre-catalyzed sanding sealer for use with Rudd DuraCat 275 PreCat Lacquers.

Ideal for

- Furniture
- Doors & Millwork
- Cabinetry & Caseworks
- Interior Wood Work

- California AIM compliant at 275 g/l VOC
- NESHAP compliant—JJ (furniture)
- NESHAP compliant—QQQQ (doors & windows)
- Meets LEED 2009

Benefits

- Water Clear
- Non-yellowing
- Pre-catalyzed
- Low odor
- Easy sand
- Good holdout

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 application equipment.

THINNING: No thinning required. This product is designed to spray at package viscosity with all application equipment. If thinning is desired, use Rudd 652081 VOC Exempt Lacquer Thinner or Acetone.

Caution: Thinning with solvents other than acetone will reduce film build and increase VOCs. Note: Thinning requirements may vary with changes in temperature and spray room conditions.

To slow dry time, use Rudd 652007 VOC Exempt Lacquer Retarder.

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

CLEAN UP: Use acetone or VOC compliant lacquer thinner.

FINISHING SYSTEM

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

SEAL: Apply one coat (3 -4 mils wet) of DuraCat 275 VOC Clear PreCat Sealer. Allow to dry 20-25 minutes*, sand with 220/320 grit silicon carbide sandpaper before finishing.

FINISH: Apply two coats (4—6 mils wet) of Rudd 651885 Dura-Cat 275 VOC PreCat Lacquer. 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: Keep away from heat, sparks and flame. Ensure adequate ventilation during use.

Read Material Safety Data Sheet and label before using.

SPECIFICATIONS

Coverage	255 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	21.5% by weight 1.59 lbs per gallon
VOCs (Volatile Organic Compounds)	Calculated: 2.2 lb/gal 264 g/l
HAPs (Hazardous Air Pollutants)	Pounds HAP per Pounds Solid: 0.012
Dry to Sand	20-25 minutes @ 65–70 °F
CAUTION: Thinning will reduce film build and increase VOCs.	

APPLICATION PRECAUTIONS

- DuraCat 275 VOC Clear PreCat Sealer has a limited shelf life of approximately 6 months from date of manufacture.
- Usability and performance may not be determined from viscosity. Shelf life will vary with storage conditions.
- Do not use DuraCat 275 VOC Clear PreCat Sealer in heated spray equipment.
- This product is not recommended for exterior use.
- Clear finishes will not prevent natural (unstained) wood from changing color over time.
- 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 VOC Clear 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 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



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