



RUDD COMPANY, INC
Manufacturers of Quality Coatings Since 1912

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Pro Hi-Build™

CLEAR LACQUER SANDING SEALER

Product Code: **651776**

Pro Hi-Build™ Clear Lacquer Sanding Sealer is an economical single-component, high solids, non-stearated lacquer sanding sealer ideal for interior wood surfaces.

Ideal for

- Doors
- Millwork
- Interior wood work

- Federal AIM compliant at 680 g/l VOC
- NESHAP compliant—JJ (furniture)

Benefits

- Fast dry
- Easy to sand
- Economical
- High Solids
- High Build

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 contaminates.

APPLICATION EQUIPMENT: This product may be applied with conventional air-spray, airless, air-assisted airless, or HVLP spray equipment.

THINNING: Use Rudd 650870 Premium Lacquer Thinner, Rudd 651393 No-HAP Lacquer Thinner or Acetone. For additional open time use Rudd 650921 Retarder as needed.

Caution: Thinning with solvents will reduce film build and increase VOCs (unless using Acetone). Note: Thinning requirements may vary with changes in temperature and spray room conditions.

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

CLEAN UP: Use lacquer thinner.

FINISHING SYSTEM

STAIN: When staining wood, use Rudd ColorTools™ Dye Stain, ColorTools™ SprayOnly Stain, or Colortools™ Wiping Stain.

SEAL: Apply one coat (3–5 mils wet) of Pro Hi-Build Clear Lacquer Sanding Sealer. Allow 20 minutes* dry time and sand with 220/320 grit Silicon Carbide sandpaper before finishing.

FINISH: Apply two coats (4–5 mils wet) of any Rudd interior clear lacquer. Allow 20 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 will vary with film thickness, temperature, humidity and air movement.

SAFETY PRECAUTIONS

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

Read Material Safety Data Sheet and label before using.

SPECIFICATIONS

Coverage	315 square feet per gallon @ 1 mil dry film thickness
Viscosity	35–40 seconds (#2 Zahn Cup @ 70° F)
Sag Resistance	6 mils vertical @ 65–70° F
Solids	24.0% by weight 1.8 lbs per gallon
VOCs (Volatile Organic Compounds)	Calculated: < 5.67 lb / gal < 680 g/l
HAPS (Hazardous Air Pollutants)	Pounds HAPs per Pound Solid: < 0.8
Dry to Sand	20 minutes @ 65–70° F
CAUTION: Thinning will reduce film build and increase VOCs.	

APPLICATION PRECAUTIONS

- Pro i-Build Clear Lacquer Sanding Sealer must not be used with conversion varnishes.
- Apply ONLY one coat of Pro Hi-Build Lacquer Sanding Sealer. If additional film build is desired, build film thickness with multiple finish coats.
- Do not use Pro Hi-Build Clear Lacquer Sanding Sealer in heated spray equipment.
- This product is not recommended for exterior use.
- Finish, substrate and curing temperatures should remain above 60° F, extremes of temperature and humidity may affect product performance.
- Total film build of 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 Pensky-Martin

OSHA Flammability Class: Flammable Liquid—Class IB

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



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