



**PRO FINISHER  
POLYURETHANE 350 VOC**

**DESCRIPTION AND USES**

Pro Finisher Polyurethane 350 VOC is a traditional wood floor finish that meets the stringent requirements of all states that enforce a 350 VOC regulation. This professional grade polyurethane is recommended for all wood floors and all other interior wood surfaces where a beautiful protective finish is required. Oil-Base Polyurethane, when dry, provides a warm, slightly ambered clear coating that accents the richness of wood flooring. The finish will darken somewhat with time and exposure to sunlight.

**PRODUCTS**

<b>1-Gallon</b>	<b>5-Gallons</b>	<b>Description</b>
330513V	330512V	Gloss
330533V	330532V	Semi-Gloss
330523V	330522V	Satin

**SURFACE PREPARATION**

Surfaces must be clean, dry, and free of wax, grease, oil, shellac, lacquer, mildew, and polishes.

**SANDING SURFACE:**

Sand area smooth, progressing in sandpaper grit from rough to medium to fine. For hardwood floors, use NOFMA and NHFA accepted methods or see Pro Finisher Professional Finishing Techniques for sanding details. After sanding vacuum surface and wipe with a cloth to remove all dust.

**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 a 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).

**STAINING SURFACE:**

Oil or water based stains can be used prior to finish application for custom coloring. Allow stain to dry thoroughly. Test a sample area for product compatibility. If applying stain, it is not necessary to use a sanding sealer. Oil-Base finish may be applied directly over thoroughly dry stain.

**SEALING SURFACE:**

A sanding sealer may be used as an option to initially coat bare wood surface. It penetrates and seals the wood and dries quickly. Pro Finisher Universal Sealer is recommended because of its excellent adhesion and extremely fast dry time. Sealer must be completely dry before applying finish.

**SURFACE PREPARATION (cont.)**

**REFURBISH PREFINISHED SURFACE:**

If existing finished wood surface or wood floor is in good condition and free from wax or other contaminants, you may recoat without sanding the surface to bare wood. A thorough cleaning and abrading of prefinished surface is required. If compatibility with the old finish is unknown, a sealer coat of Pro Finisher Universal Sealer will minimize potential adhesion problems.

**PRODUCT APPLICATION**

Stir contents before using and frequently during use. Do not shake container. Apply Oil-Base Finish using a synthetic or Lambswool pad applicator, natural bristle brush, short nap roller or weighted T-bar. Apply in direction of wood grain in smooth, level strokes. Apply thin, even coats at a rate of approximately 500 square feet per gallon. Allow product to dry 15 – 18 hours (overnight dry). The following will extend dry times: moisture related jobsite conditions or heavy application of finish. Heavy application of finish is not recommended. After first coat has dried, abrade the surface using a maroon buffing pad 180 to 220 grit sandpaper. Vacuum and wipe clean. Follow this procedure for successive coats. A minimum of 2 coats is recommended. Allow final coat to dry overnight before permitting light traffic for approximately 1 week. Finish will take 7 to 14 days to totally cure. Do not place area rugs on floor, and avoid heavy traffic for a minimum of 1 week.

**COVERAGE**

Varies with surface porosity and will cover approximately 500 square feet per gallon.

**DRY TIME**

Dry times are based on 70°F and 50% relative humidity. Pro Finisher Polyurethane 350 VOC dries to the touch in 6 hours and can be recoated in 15-18 hours. Full cure will be reached in 7 days.

**CLEAN-UP**

Clean application tools and equipment with mineral spirits or paint thinner.

**TECHNICAL DATA****PRO FINISHER POLYURETHANE 350 VOC****PHYSICAL PROPERTIES**

		OIL BASE POLYURETHANE 350 VOC
<b>Resin Type</b>		Oil modified Polyurethane
<b>Pigments</b>		NA
<b>Solvents</b>		Mineral Spirits
<b>Weight</b>	<b>Per Gallon</b>	7.89-8.33 lbs.
	<b>Per Liter</b>	0.95-1.0 kg
<b>Solids</b>	<b>By Weight</b>	48.9-52.5%
	<b>By Volume</b>	45.6-48.0%
<b>Volatile Organic Compounds</b>		350 g/l (2.92 lbs./gal.)
<b>Recommended Dry Film Thickness (DFT) per Coat</b>		1.5 mils (37.5 $\mu$ )
<b>Wet Film to Achieve DFT (unthinned material)</b>		3.0 mils (75 $\mu$ )
<b>Theoretical Coverage at 1 mil DFT (25<math>\mu</math>)</b>		834 sq.ft./gal.
<b>Practical Coverage at Recommended DFT (assumes 15% material loss)</b>		500 sq.ft. /gal. (Varies with surface porosity)
<b>Dry Times at 70-80°F (21-27°C) and 50% Relative Humidity</b>	<b>Touch</b>	6 hours
	<b>Recoat</b>	15-18 hours
<b>Cure Time</b>	<b>24 Hours</b>	50% Cure
	<b>48 Hours</b>	75% Cure
	<b>7 Days</b>	95% Cure
<b>Shelf Life</b>		3 years
<b>Flash Point</b>		93° F (34°C)

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