PRO FINISHER POLYURETHANE

DESCRIPTION AND USES

Pro Finisher Oil-Base Polyurethane is a durable, high solids clear finish ideal for coating and protecting hardwood floors and other interior wood surfaces. It is designed to provide excellent durability and scuff resistance. It is ideal for use in residential and commercial applications.

PRODUCTS

1-Quart	1-Gallon	5-Gallons	Description
130514	130513	130512	Gloss
130534	130533	130532	Semi-Gloss
130524	130523	130522	Satin

PAINTING APPLICATION

SURFACE PREPARATION

Previously Finished Surfaces – To ensure proper adhesion, surfaces must be clean, dry, and free of wax, grease, oil, shellac, lacquer, mildew, and polishes. Remove wax with a wax stripper, shellac with a paint stripper, and mildew with a solution of 10% household bleach and water. Old finishes in poor condition should be removed. If existing finished wood surface or wood floor is in good condition and free from wax or other contaminates, you may recoat without totally sanding surface to bare wood. If sanding is need, sand using 150-220 grit sandpaper to obtain a smooth surface. Do not use steel wool as rust may develop after the finish has been applied. Remove all sanding dust using a vacuum, tack cloth, or cloth dampened with mineral spirits.

Unfinished Surfaces – Sand using 150-220 grit sandpaper and remove all sanding dust using a vacuum, tack cloth, or rag dampened with mineral spirits. If a filler or putty is used, make sure it does not contain wax and allow enough time for it to dry thoroughly.

Stained or Painted Wood – Oil or water based stains can be used prior to finish application for custom coating. Test a sample area for product compatibility. If applying stain, it is not necessary to use a sealer. Pro Finisher Polyurethane may be applied directly over a thoroughly dry stain. If the use of a sealer is desired, Pro Finisher Universal Sealer is recommended.

Sealing Surface – A 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 has excellent adhesion and very fast dry time. Sealer must be dry before applying finish

PRODUCT APPLICATION (cont.)

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.

APPLICATION

Pro Finisher Polyurethane appears milky when wet but dries to a crystal clear finish. Do not apply in direct sunlight. Use with adequate ventilation at all times. Apply only when air (ambient) temperature is between 60-80°F (16-27°C) and relative humidity is below 85%. Use full strength. Do not thin. Stir thoroughly before and during use. To prevent bubbles in the finish, **DO NOT SHAKE,** do not over-brush, or apply with a roller.

Apply Pro Finisher Polyurethane using a synthetic or lamb's wool pad applicator, natural bristle brush, polyester brush, short nap roller or a weighted T-bar. Apply in direction of wood grain in smooth, level strokes. Apply thin, even coats at a rate of 300-400 square feet per gallon. Thicker coats will take longer to dry. **Note:** A lamb's wool applicator may apply finish heavier than necessary. Allow product to dry 6-10 hours. Overnight dry is preferred to produce a high quality appearance. Lower temperatures and/or higher humidity may extend dry times. Sanding between coats is not required for intercoat adhesion as long as the time between coats is less than 8 hours. However, sanding or screening between coats produces a smooth, uniform surface. A minimum of 2 coats is recommended after the sealer coat. Allow final coat to dry overnight before permitting light traffic or use of surface. Finish will take up to 14 days to totally cure. Do not place area rugs on floor and avoid exposure or washing for approximately 1 week.

COVERAGE

Varies with surface porosity and will cover approximately 400 square feet per gallon.

CLEAN-UP

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

TECHNICAL DATA

PRO FINISHER POLYURETHANE

PHYSICAL PROPERTIES

		Pro Finisher Polyurethane Finish
Resin Type		Oil modified Polyurethane
Pigments		NA
Solvents		Mineral Spirits
Weight - per Gallon		8.75-8.80 lbs.
per Liter		1.05 kg
Solids by Weight		40.1-41.7%
Solids by Volume		25.8-27.0%
Volatile Organic Compounds		<275 g/l (<2.3 lbs./gal.)
Recommended Dry Film Thickness (DFT) per Coat		1.0-2.0 mils (25-50µ)
Wet Film to Achieve DFT (unthinned material)		3.5-7.0 mils (87.5-175µ)
Theoretical Coverage at 1 mil DFT (25µ)		413-433 sq.ft./gal.
Practical Coverage at Recommended DFT (assumes 15% material loss)		300-400 sq.ft./gal. (Varies with surface porosity)
Dry Times at 77°F (25°C) and 50% Relative Humidity	**Touch**	3-6 hours
	Recoat	6-10 hours
Shelf Life		3 years
Flash Point		93° F (34°C)

The technical data and suggestions for use contained herein are correct to the best of our knowledge, and offered in good faith. The statements of this literature do not constitute a warranty, express, or implied, as to the performance of these products. As conditions and use of our materials are beyond our control, we can guarantee these products only to conform to our standards of quality, and our liability, if any, will be limited to replacement of defective materials. All technical information is subject to change without notice.

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