



WATER BASE POLYURETHANE

DESCRIPTION AND USES

A durable interior clear finish that is ideal for coating and protecting hardwood floors and other interior wood surfaces. PRO FINISHER™ Water-Base Polyurethane is fast drying and flows & levels exceptionally well on any wood surface. Pro Finisher Water-Base Polyurethane dries clear and is non-yellowing, ideal for maintaining the true natural color of wood. For increased coating performance an optional catalyst (Pro Finisher Catalyst, product number 137194) may be added before application.

PRODUCTS

1-Gallon	Description
137133	Gloss
137163	Semi-Gloss
137143	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.

Staining Surface:

Oil or water based stains can be used on bare wood surface prior to sealer or finish application. Allow oil based stains a minimum of 72 hours dry time before sealer or finish application. If using water based stains follow stain manufacturers dry time directions.

Sealing Surface:

A sanding sealer may be used to initially coat bare wood surface. Pro Finisher Water Base Sealer or Pro Finisher Universal Sealer is recommended. Pro Finisher Water Based Sanding Sealer will produce a colorless finish. Pro Finisher Universal Sealer will add a rich tone to the wood (similar to traditional oil based finish). Sealer must be dry and lightly abraded prior to applying a finish.

Note, Water based sealer will darken white oak. To maintain clear color apply Pro Finisher Water Based Polyurethane directly over bare wood.

PRODUCT APPLICATION

Pro Finisher Water Base 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.

Apply Pro Finisher Water Base Polyurethane using a Pro Finisher Universal applicator, lamb's wool applicator pad, polyester brush, or a weighted T-bar. Apply in direction of wood grain in a pulling motion with smooth, level strokes. Apply thin, even coats at a rate of 600 - 700 square feet per gallon.

Allow product to dry a minimum of 1-2 hours between coats. Sanding between coats is not required for adhesion as long as the time between coats is less than 6 hours. However, screening or sanding between coats usually produces a smoother better looking finish. A minimum of 3 coats of finish are recommended. Do not apply more than two coats the same day.

Sand between coats with 120-150 grit sandpaper or maroon abrasive pad. After sanding vacuum surface and wipe clean with a lightly water dampened lint free cloth to remove all dust before applying the next coat.

When using the Pro Finisher Catalyst, mix products in a separate container. Add entire (4oz.) catalyst to 1 gallon of Water Based Polyurethane. Stir thoroughly to ensure complete dispersion. Stir frequently during use. Do not shake container. Use entire catalyzed mixed finish within 24 hours.

CLEAN-UP

Clean application tools and equipment with soap and water.

**TECHNICAL DATA****WATER BASE POLYURETHANE****PHYSICAL PROPERTIES**

		Pro Finisher Water Base Polyurethane
Resin Type		Acrylic/Polyurethane
Pigments		NA
Weight - per Gallon		8.38-8.48 lbs.
per Liter		1.0- kg
Solids by Weight		28%
Solids by Volume		26.7%
Volatile Organic Compounds		<275 g/l (<2.3 lbs./gal.)
Recommended Dry Film Thickness (DFT) per Coat		1.0 mils (25μ)
Wet Film to Achieve DFT (unthinned material)		3.0- mils (75μ)
Practical Coverage at Recommended DFT		600-700 sq.ft./gal. (Varies with surface porosity)
Dry Times at 77°F (25°C) and 50% Relative Humidity	Touch	1-2 hours
	Foot Traffic	24 Hours
	24 Hours	75%
Cure Time	48 Hours	90%
	7 days	95%
Shelf Life		3 years
Flash Point		>220°F

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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