



**WATER-BASE POLYURETHANE  
FOR FLOORS**

**DESCRIPTION AND USES**

Pro Finisher Water-Base Polyurethane is a durable clear finish designed for coating and protecting hardwood floors and other interior wood surfaces. It is fast drying and flows & levels exceptionally well on any wood surface. Pro Finisher Water-Base Polyurethane dries clear and is non-yellowing to ensure the true natural color of wood.

**PRODUCTS**

<b>1-Gallon</b>	<b>Description</b>
258688	Gloss
258691	Semi-Gloss
258690	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 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**

**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, Lambswool 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.

**DRY TIME**

Dry times are based on 70°F and 50% relative humidity. Pro Finisher Water Base Polyurethane dries to the touch in 1-2 hours and is suitable for foot traffic in 24 hours.

**CLEAN-UP**

Clean application tools and equipment with soap and water.

**TECHNICAL DATA****WATER-BASE POLYURETHANE FOR FLOORS****PHYSICAL PROPERTIES**

		PRO FINISHER WATER-BASE POLYURETHANE
<b>Resin Type</b>		Acrylic/Polyurethane
<b>Pigments</b>		NA
<b>Weight</b>	<b>Per Gallon</b>	8.38-8.48 lbs.
	<b>Per Liter</b>	1.0 kg
<b>Solids</b>	<b>By Weight</b>	28%
	<b>By Volume</b>	26.7%
<b>Volatile Organic Compounds</b>		<275 g/l (<2.3 lbs./gal.)
<b>Recommended Dry Film Thickness (DFT) per Coat</b>		1.0 mils (25 $\mu$ )
<b>Wet Film to Achieve DFT (unthinned material)</b>		3.0 mils (75 $\mu$ )
<b>Practical Coverage at Recommended DFT</b>		600-700 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>	1-2 hours
	<b>Foot Traffic</b>	24 Hours
<b>Cure Time</b>	<b>24 Hours</b>	75%
	<b>48 Hours</b>	90%
	<b>7 days</b>	95%
<b>Shelf Life</b>		3 years
<b>Flash Point</b>		>220°F
<b>Safety Information</b>		For additional information, see SDS

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