

	<b>TECHNICAL DATA</b>	<b>VAR-51</b>
	<b>VARATHANE® PREMIUM FLOOR FINISH (250 VOC)</b>	

## DESCRIPTION AND USES

Varathane® Premium Floor Finish is designed to provide the best protection for wood floors. Varathane Premium Floor Finish is formulated with patented Aluminum Oxide Nano Technology to provide excellent scuff and scratch resistance. Varathane Premium Floor Finish is recommended for interior bare wood or stained floors. It is ideal for high traffic areas in kitchens and hallways. It is not recommended for use on linoleum, vinyl, or glazed tiles or metal.

## PRODUCTS

DESCRIPTION (1-Gallon)	SKU
Gloss	242606
Semi-Gloss	242607
Satin	242608
Matte	286769

## PRODUCT APPLICATION

### SURFACE PREPARATION

**PREVIOUSLY FINISHED SURFACES:** For best adhesion, surfaces must be clean, dry and free of wax, grease, oil, shellac, lacquer, mildew and polishes. Waxes must be removed with a wax stripper; sanding does not remove wax. Shellac must be removed with a paint stripper. Previously finished floors in good condition should be cleaned with a TSP (Tri Sodium Phosphate) solution in water, and rinsed thoroughly with clean water. Do not use TSP on bare wood floors as discoloring will occur. Some types of prefinished or factory finished floors may not be compatible with Varathane Premium Floor Finish. Old finishes in poor condition must be removed. Use the Varathane EZV® floor sander to obtain a smooth surface. Remove all sanding dust using a vacuum or cloth dampened with mineral spirits. **Warning: Sanding dust can be a spontaneous combustion hazard. Always dispose of collected sanding dust immediately.**

**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).

## PRODUCT APPLICATION (cont.)

### SURFACE PREPARATION (cont.)

**STAINED OR PAINTED WOOD:** Follow manufacturer's directions for application of stain or paint. Make certain surface is thoroughly dry before applying Varathane Premium Floor Finish. Refer to manufacturer's label for dry times. For best results, use Varathane Premium Wood Stains.

**UNFINISHED SURFACE PREPARATION:** Using the Varathane EZV sander, sand the new wood surface. Remove dust with a rag dampened with mineral spirits or with a vacuum. Refer to the Varathane Floor Finishing brochure for more information.

### APPLICATION

Use adequate ventilation at all times. Apply when temperatures are between 55-90°F (12-38°C) and the relative humidity is below 85%. Slower dry times may result from applications on redwood, cedar or woods with a high oil content, or when applied over stains or sealers, or periods of high humidity and/or low temperatures. Do not dilute. To prevent bubbles in the finish, do not over-brush, shake or apply with a roller.

Stir thoroughly before and during use. To prevent bubbles in the finish, **DO NOT SHAKE**. Apply using a good quality, natural bristle brush or wool applicator. Allow finish to dry a minimum of 12 hours and then recoat. Lower temperatures and/or higher humidity may cause slower dry times. Recoat only when previous coats have dried clear and feel hard and are no longer tacky to the touch. Lightly sand before recoating. Apply additional coats following directions above. A total of 2 coats are recommended. Allow finish to dry 24 hours before light use. Wait 3 days before subjecting surface to normal usage.

### APPLICATION TIPS

Test Varathane Premium Floor Finish in an inconspicuous area before beginning. **Testing is particularly important when applying over paints or stains as the appearance of these products may change when an oil-based finish is applied.**

### CLEAN-UP

For easy project clean-up, use paint thinner or mineral spirits. Dispose of properly. For disposal guidance of unused amounts, contact your local, state or government environmental control agency.

**COVERAGE:** 400-500 square feet/gallon.

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## PHYSICAL PROPERTIES

		POLYURETHANE FLOOR FINISH
Resin Type		Oil Modified Urethane
Pigment Type		NA
Solvents		Parachlorobenzotrifluoride, Mineral Spirits
Weight	Per Gallon	8.4-9.1lbs.
	Per Liter	1.00-1.09 kg
Solids	By Weight	42.4-45.5%
	By Volume	43.7-44.0%
Volatile Organic Compounds		275 g/l (2.30 lbs./gal.)
Recommended Dry Film Thickness (DFT) Per Coat		1.0-1.5 mils (25μ)
Wet Film to Achieve DFT (unthinned material)		2.0-3.5 mils (50-87.5μ)
Practical Coverage at Recommended DFT (assumes 15% material loss)		400-500 sq. ft./gal. (9.9-12.3 m <sup>2</sup> /l)
Dry Times at 70-80°F (21-27°C) and 50% Relative Humidity	Touch	4 hours
	Handle	8 hours
	Recoat	12 hours
	Full Cure	7 days
Shelf Life		3 years
Flash Point		105°F (40°C)
Safety Information		For additional information, see MSDS

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