



VARATHANE® INTERIOR OIL-BASED POLYURETHANE

DESCRIPTION AND USES

Varathane® Interior Oil-Based Polyurethane is an oil-modified polyurethane designed to provide abrasion and scratch resistance to stained wood surfaces. This product is ideal for application to all interior projects such as furniture, doors, cabinets and trim. It is NOT recommended for linoleum, vinyl or glazed tiles and metal.

PRODUCTS

Description	Quart	1/2 Pint	Gallon	350 VOC Gal
Gloss	9041	9061	9031	9032
Semi-Gloss	6041	6061	6031	6032
Satin	9141	9161	9131	9132

PRODUCT 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. Sand using 150-220 grit sandpaper to obtain a smooth surface. 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 allow enough time for it to dry thoroughly.

Stained or Painted Wood – Follow manufacturer's directions for application of the stain or paint. Make certain the surface is thoroughly dry before applying Varathane® Oil-Based Polyurethane. Using this poly over white or lightly painted surfaces could cause discoloration. Refer to the manufacturer's label for dry times. For best results, use Varathane® Premium Wood Stains.

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

Do not apply in direct sunlight. Use in an area with adequate ventilation such as an open garage. Use only when air (ambient) temperature is between 55-90°F (13-32°C) and relative humidity is below 85%. Lower temperatures and/or high humidity may cause slower dry times and slower dry may also result from applications on redwood, cedar or woods with high oil content, or when applied over some stains. Use full strength. Do not thin. Stir thoroughly before and during use. To prevent bubbles in the finish, **DO NOT SHAKE**. Apply using a good quality natural bristle brush or applicator. Allow the finish to dry 8 hours before re-coating. Re-coat only when previous coats have dried clear and feel hard. The coating should no longer feel tacky to the touch. If any coat has dried more than 12 hours, lightly sand before applying another coat. A minimum of two coats is recommended. Allow the finish to dry 24 hours before light use. Wait 3 days before subjecting the surface to normal usage.

CLEAN-UP

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

**TECHNICAL DATA****VARATHANE® INTERIOR OIL-BASED POLYURETHANE****PHYSICAL PROPERTIES**

		VARATHANE INTERIOR OIL-BASED POLYURETHANE
Resin Type		Urethane Modified Alkyd
Solvents		Mineral Spirits, Naphtha
Weight	Per Gallon	7.45-7.53 lbs
	Per Liter	0.89 – 0.90 kg
Solids	By Weight	49.7-50.2%
	By Volume	42.0-42.1%
VOC		<350 g/l (<2.9 lbs./gal.)
Recommended Dry Film Thickness (DFT) per Coat		1.0-2.0 mils (25-50µ)
Wet Film to Achieve DFT (unthinned material)		2.5-5.0 mils (62.5-125µ)
Theoretical Coverage at 1 mil DFT (25µ)		675 sq.ft./gal. (16.6 m ² /l)
Practical Coverage at Recommended DFT (assumes 15% material loss)		290-575 sq.ft./gal. (7.1-14.1 m ² /l) 75-150 sq.ft./quart (1.8-3.7 m ² /l)
Dry Times at 77°F (25°C) and 50% Relative Humidity	Touch	2 hours
	Handle	4-6 hours
	Recoat	8 hours
Shelf Life		3 years
Safety Information	Flash Point	106°F (41°C)
	Contains	Lead-free
	Warning!	For additional information, see MSDS.

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.