



## VARATHANE® TRIPLE THICK POLYURETHANE

### DESCRIPTION AND USES

Varathane® Triple Thick Polyurethane is 3X thicker than a traditional polyurethane. It is an advanced self leveling formula that allows projects to be completed in one coat. This water-based formula provides excellent scratch and stain resistance. It also provides fast dry times as well as the convenience of soap and water clean-up. It is suitable for use on all interior wood surfaces including furniture, doors, trim and more. This product is not recommended for outdoor surfaces or floors.

### PRODUCTS

SKU	Description
281541	Gloss 1-Quart
281542	Semi-Gloss 1 Quart
281543	Satin 1 Quart

### PRODUCT APPLICATION

#### REFURBISHING

Existing finished wood may be refurbished without complete removal of the previous coating. After using furniture polishes for many years, wood can absorb contaminants that interfere with Varathane Triple Thick Polyurethane. The surface must be free from wax, silicones, oils or other contaminants, thoroughly cleaned and abraded before applying Varathane Triple Thick Polyurethane.

#### SURFACE PREPARATION

Surface must be clean, dry and free from wax, grease, dust and other contaminants. Sand area smooth, progressing with sandpaper from 120 to 220 grit. Vacuum the surface to remove dust. Wipe surface with a clean, lint-free cloth.

**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.)

#### STAINING

For best results, use Varathane Wood Stains prior to using Varathane Triple Thick Polyurethane. For other stains, follow the stain manufacturer's recommendations for dry times. Apply Varathane Triple Thick Polyurethane directly over cured stains. Test a sample for product compatibility.

#### APPLICATION

Stir before using or if product has been sitting longer than one hour. Do not shake. Use adequate ventilation at all times. Apply only when air (ambient) temperature is between 55-90°F (13-32°C) and relative humidity is below 85%. Apply using a high quality synthetic bristle brush. Apply in the direction of the wood grain in one, thick smooth uniform coat. If refinishing a previously coated surface or a second coat is desired, sand with 220 grit sandpaper.

#### DRY TIME

Dry times are based on 70°F and 50% relative humidity. Dry times may be affected by temperature, humidity and ventilation. Allow more time at cooler temperatures. Triple Thick Polyurethane will be dry to touch in approximately 2 hours and can be recoated in 2 hours. Allow 48 hours cure before light use of the project. Allow 7 days for full cure.

#### CLEAN UP

Soap and Water

**TECHNICAL DATA****VARATHANE® TRIPLE THICK POLYURETHANE****PHYSICAL PROPERTIES**

		TRIPLE THICK POLYURETHANE
<b>Resin Type</b>		Polyurethane/Acrylic
<b>Pigment Type</b>		Inorganic
<b>Solvents</b>		Glycol Ethers and Water
<b>Weight</b>	<b>Per Gallon</b>	8.50-8.56 lbs.
	<b>Per Liter</b>	1.02-1.03 kg
<b>Solids</b>	<b>By Weight</b>	38.6-38.8%
	<b>By Volume</b>	36.0-36.4%
<b>Volatile Organic Compounds</b>		275 g/l 2.28 lbs./gal.
<b>Recommended Dry Film Thickness (DFT) Per Coat</b>		3 mils (75µ)
<b>Wet Film to Achieve DFT (unthinned material)</b>		9 mils (225µ)
<b>Practical Coverage at Recommended DFT (assumes 15% material loss)</b>		50 sq.ft./quart
<b>Dry Times at 70-80°F (21-27°C) and 50% Relative Humidity</b>	<b>Touch</b>	2 hours
	<b>Handle (light use)</b>	48 hours
	<b>Recoat</b>	2 hours
	<b>Full Cure</b>	7 days
<b>Shelf Life</b>		3 years
<b>Flash Point</b>		>200°F (93°C)
<b>Safety Information</b>		For additional information, see MSDS

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