



TECHNICAL DATA

VARATHANE® TRIPLE THICK CLEAR FINISH

DESCRIPTION AND USES

Varathane® Triple Thick Clear Finish 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
286445	Triple Thick Clear Finish Gloss (946 mL)
286447	Triple Thick Clear Finish Semi-Gloss (946 mL)
286449	Triple Thick Clear Finish Satin (946 mL)

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 Clear Finish. The surface must be free from wax, silicones, oils or other contaminants, thoroughly cleaned and abraded before applying Varathane Triple Thick Clear Finish.

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.

STAINING

For best results, use Varathane Wood Stains prior to using Varathane Triple Thick Clear Finish. For other stains, follow the stain manufacturer's recommendations for dry times. Apply Varathane Triple Thick Clear Finish 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 13-32°C (55-90°F) 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.

PRODUCT APPLICATION (cont.)

DRY TIME

Dry times are based on 21°C (70°F) and 50% relative humidity. Dry times may be affected by temperature, humidity and ventilation. Allow more time at cooler temperatures. Triple Thick Clear Finish 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

VOC (g/L)	<250
Viscosity (brookfield cps)	480 cps
Solids (%/wt)	39%
Abrasion resistance (lower is better) 1000 cycles, CS-17	75 mg loss 1000 cycles
Pencil Hardness	H
Scratch resistance (higher is better)	2600 grams to rupture
Sward hardness (higher is harder)	25

**TECHNICAL DATA****VARATHANE® TRIPLE THICK CLEAR FINISH****PHYSICAL PROPERTIES**

		TRIPLE THICK CLEAR FINISH
Resin Type		Polyurethane/Acrylic
Pigment Type		Inorganic
Solvents		Glycol Ethers and Water
Weight	Per Gallon	8.50-8.56 lbs.
	Per Liter	1.02-1.03 kg
Solids	By Weight	38.6-38.8%
	By Volume	36.0-36.4%
Volatile Organic Compounds		275 g/l 2.28 lbs./gal.
Recommended Dry Film Thickness (DFT) Per Coat		3 mils (75µ)
Wet Film to Achieve DFT (unthinned material)		9 mils (225µ)
Practical Coverage at Recommended DFT (assumes 15% material loss)		4.2-4.6 m ² (45-50 ft ²) per 946 mL
Dry Times at 70-80°F (21-27°C) and 50% Relative Humidity	Touch	2 hours
	Handle (light use)	48 hours
	Recoat	2 hours
	Full Cure	7 days
Shelf Life		3 years
Flash Point		>93°C (200°F)
Safety Information		For additional information, see MSDS

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