



**VARATHANE®
STAIN + POLY**

DESCRIPTION AND USES

Varathane® Water-based One Step Stain & Polyurethane is a convenient product for staining and finishing. This combination of stain and polyurethane into one product allows projects to be finished quickly in one easy step with the ease of soap and water clean-up.

Rich, deep colors are achieved with premium pigments to provide a durable semi-gloss finish. Varathane Stain + Poly can be used on all interior wood projects including furniture, trim, cabinets and doors. Not recommended for floors or outdoor surfaces.

FEATURES

- Rich even color
- Excellent scratch resistance
- Soap and water clean-up

PRODUCTS

SKU	Description
266151	1-Quart Cabernet
266152	1-Quart Summer Oak
266153	1-Quart Kona
266154	1-Quart Early American
266155	1-Quart Black Cherry
266159	1-Quart Dark Walnut
266160	1-Quart Golden Oak
266162	1-Quart American Walnut
266164	1-Quart Traditional Cherry
266171	1-Quart Light Walnut

PRODUCT APPLICATION

SURFACE PREPARATION

Proper surface preparation is important. Please follow instructions thoroughly. Surfaces must be clean, dry and sound. Remove any existing finishes with sandpaper or stripper. Prepare bare wood for staining by sanding in the direction of the grain. Begin with #150 grit sandpaper and progress through #180 and #220 grits. Before using product, **remove all sanding dust with a vacuum or a clean rag dampened with mineral spirits.**

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.

PRODUCT APPLICATION (cont.)

TESTING COLOR

Be sure to test Varathane Water-based One Step Stain + Polyurethane to verify the desired color. To test, apply the stain in an inconspicuous area. For a deeper color, additional coats may be required.

APPLICATION

Stir the contents thoroughly before use. DO NOT SHAKE. Use when temperatures are between 50-90°F (10-32°C) and humidity is less than 85%. Allow longer dry times for damp, humid days. Apply a thin coat until a uniform film has been achieved. To prevent brush marks, avoid excessive brushing. Some grain raise may occur. If so, lightly sand the surface using 220 grit sandpaper. Wipe off sanding dust. Apply a second coat. Additional coats can be applied with one hour dry time between coats. Lightly sand between coats with 320 grit sandpaper. Two to three coats are recommended. **REMOVE ALL SANDING DUST BEFORE APPLYING ADDITIONAL COATS.**

COVERAGE

Each quart will cover approximately 100-125 square feet. Coverage may vary depending on the applicator and the porosity of the wood.

DRY TIME

Dry times are based on 70°F and 50% relative humidity. For best results allow stain to dry at least 1 hour then apply Varathane Polyurethane.

CLEAN-UP

Clean application tools and equipment with soap and water.

**TECHNICAL DATA****VARATHANE® STAIN + POLY****PHYSICAL PROPERTIES**

		STAIN + POLY
Resin		Water-based Acrylic Modified Urethane
Pigment Type		Organic Pigments
Solvents		Water, Glycol Ethers
Weight	Per Gallon	8.53-8.55 lbs
	Per Liter	1.022-1.024 kg
Solids	By Weight	26.9-27.6%
	By Volume	29.5-30.3%
Volatile Organic Compounds		<275 g/l (2.30 lbs./gal.)
Recommended Dry Film Thickness (DFT) Per Coat		1.0 mil (25µ)
Wet Film to Achieve DFT (unthinned material)		3.0 mils (75µ)
Theoretical Coverage at 1 mil DFT (25µ)		118-121 sq.ft./quart (2.9-3.0 m ² /l)
Practical Coverage at Recommended DFT (assumes 15% material loss)		100-125 sq.ft./quart Varies with type and porosity of wood
Dry Times at 70-80°F (21-27°C) and 50% Relative Humidity	Touch	1 hour
	Handle	4 hours
	Recoat	2 hours
	Full Cure	7 days
Shelf Life		3 years (unopened)
Flash Point		>200°F (93°C)
Safety Information		For additional information, see MSDS

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