



VARATHANE® ONE STEP STAIN & POLYURETHANE

DESCRIPTION AND USES

Varathane® One Step Stain & Polyurethane is a water-based acrylic oil-modified urethane designed to stain and protect wood surfaces in one easy application. By combining a stain with polyurethane, the need for multiple product application is eliminated. Varathane One Step Stain & Polyurethane adds rich color and a smooth protective finish. It has fast dry, low odor, and the convenience of soap and water clean-up. It is suitable for use on interior wood furniture, trim, cabinets, and doors.

It is not recommended for use on exterior surfaces.

PRODUCTS

½ PINT	QUART	DESCRIPTION
-----	239580	Golden Pecan
-----	239581	Golden Oak
384366	239582	Provincial
-----	239583	Traditional Cherry
-----	239584	Red Mahogany
-----	239585	Cabernet
384363	239586	Early American
384360	239587	Dark Walnut
384358	-----	Kona
384359	-----	Ebony
384361	-----	Weathered Gray
384362	-----	Carbon Gray
384364	-----	Cognac
384365	384368	Gunstock
-----	384367	Black Cherry

PRODUCT APPLICATION

SURFACE PREPARATION

Bare or Unfinished Wood - Remove any existing finishes with sandpaper or stripper. Prepare bare wood for product application by sanding in the direction of the grain. Begin with #120 grit sandpaper and progress through #150, #180 and #220 grits. Before staining, remove all sanding dust, dirt, grease or glue with a vacuum or clean rag dampened with mineral spirits.

Wood with Existing Polyurethane Finish – Lightly sand existing finish with #320 grit sandpaper to encourage adhesion. Remove all dust with a vacuum or clean lint-free rag.

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.

PRODUCT APPLICATION (cont.)

SURFACE PREPARATION (cont.)

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.

TESTING COLOR

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

APPLICATION

Stir the contents thoroughly before use. Do not shake. Use adequate ventilation at all times. Apply only when air (ambient) temperature is between 55-90°F (13-32°C) and the relative humidity is below 85%. Apply using a good quality, natural bristle brush or applicator, brush in the direction of the grain until a uniform film has been achieved. To prevent brush marks, avoid excessive brushing. Additional coats can be applied with one hour dry time between coats. Lightly sand between coats with #320 grit sandpaper. Remove all sanding dust before applying additional coats.

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. Dries to the touch in 1 hour and can be recoated after 1 hour. Allow 24 hours to fully dry.

CLEAN-UP

Clean up tools and equipment with soap and water.

STAIN	TECHNICAL DATA	VAR-24
	VARATHANE® ONE STEP STAIN & POLYURETHANE	

PHYSICAL PROPERTIES

		ONE STEP STAIN & POLYURETHANE
Resin Type		Water-based Acrylic Oil-modified Urethane
Pigment Type		Micro particle Organic Pigments
Solvents		Glycol ethers, n-Methyl Pyrrolidone, Water
Weight	Per Gallon	8.4-8.6 lbs.
	Per Liter	1.01-1.03 kg
Solids	By Weight	26.5-28.5%
	By Volume	29.5-31.5%
Volatile Organic Compounds		<260 g/l (2.14 lbs./gal.)
Recommended Dry Film Thickness (DFT) Per Coat		1.0-1.5 mils (25-37.5µ)
Wet Film to Achieve DFT (unthinned material)		3.0-5.0 mils (75-125µ)
Practical Coverage at Recommended DFT (assumes 15% material loss)		70-110 sq. ft./quart
Dry Times at 70-80°F (25°C) and 50% Relative Humidity	Touch	1 hour
	Recoat	1 hour
	Fully Dry	24 hours
Shelf Life		3 years
Flash Point		200°F (93°C)
Safety Information		For additional information, see SDS

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