



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

SKU (1-Quart)	Description
239580	Golden Pecan
239581	Golden Oak
239582	Provincial
239583	Traditional Cherry
239584	Red Mahogany
239585	Cabernet
239586	Early American
239587	Dark Walnut

PRODUCT APPLICATION

SURFACE PREPARATION

WOOD SURFACES - Remove any existing coatings using sandpaper or stripper. Prepare bare wood for staining by sanding in the direction of the grain. Begin with #120 grit sandpaper and progress through #150, #180 and #220 grits. Remove all sanding dust with a vacuum or clean rag dampened with mineral spirits.

CONDITIONING - Soft woods such as pine, fir and maple require a wood conditioner. Use Varathane Premium Wood Conditioner before staining.

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 One Step Stain & Polyurethane to verify the desired color. To test, apply stain in an inconspicuous area. For a deeper color, additional coats may be applied. When testing on soft woods, be sure to sand and condition the test area first.

APPLICATION

Use adequate ventilation at all times. Stir thoroughly before use. Do not shake. Apply when temperatures are between 50-90°F (10-38°C) and the relative humidity less than 85%. Apply One Step Stain & Polyurethane using a high quality synthetic bristle 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 allowing one hour dry time between coats. Lightly sand between coats with #320 grit sandpaper. Remove all sanding dust before applying additional coats.

DRY TIME

Dries to the touch in 1 hour, can be handled in 4 hours, and can be re-coated in 1 hour. Allow 24 hours to fully dry. Allow for longer dry time in cooler temperatures and high humidity.

CLEAN UP

Clean up tools and equipment with soap and water.

**TECHNICAL DATA****VARATHANE® ONE STEP STAIN & POLYURETHANE**

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)
Theoretical Coverage at 1 mil DFT (25µ)		118-126 sq.ft./quart
Practical Coverage at Recommended DFT (assumes 15% material loss)		70-110 sq.ft./quart
Dry Times at 77°F (25°C) and 50% RH	Touch	1 hour
	Handle	4 hours
	Recoat	1 hour
	Fully Dry	24 hours
Shelf Life		3 years
Flash Point		200°F (93°C)
Safety Information		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.