

STAIN	TECHNICAL DATA	VAR-03
	VARATHANE® INTERIOR WOOD STAIN	

DESCRIPTION AND USES

Varathane® Premium Interior Wood Stains are designed to provide deeper, richer, and more natural color for all wood projects. These stains are ideal for use on wood furniture, cabinets, doors, trim, floors, and paneling. For interior use only.

PRODUCTS

Description	Quart	½-Pint	Gallon	250 VOC Gal
Natural	211688	211755	211670	211887
Summer Oak	211689	211756	237992	252618
Golden Pecan	211710	211757	211680	211888
Colonial Maple	211712	211759	237993	252650
Trad'l Pecan	211713	211790	---	---
Ipswich Pine	211714	211791	---	---
Spring Oak	211715	211792	211994	252651
Golden Oak	211716	211793	211681	211889
Provincial	211717	211794	211682	212060
Golden Mahgy.	211718	211795	237995	252652
Light Walnut	211719	211796	237996	252263
Light Cherry	211720	211797	237997	252654
Chestnut	211721	211798	---	---
Trad'l Cherry	211722	211799	211683	212061
Red Oak	211723	211800	---	---
Red Mahogany	211724	211801	211684	212062
Red Chestnut	211725	211802	---	---
Cabernet	211726	211803	223085	252656
Amer. Walnut	211727	211804	237998	252655
Gunstock	211728	211805	241785	---
Early American	211729	211806	211685	212063
Dark Walnut	211730	211807	211686	212064
Black Cherry	241411	241413	---	---
Kona	254351	254356	---	---
Espresso	241412	241414	---	---
Tint Base	243857	243858	---	---

PRODUCT APPLICATION

SURFACE PREPARATION

Remove any existing finishes with sandpaper or stripper. Prepare bare wood for staining by sanding in the direction of the grain. Begin with #120 grit sandpaper and progress though #150, #180 and #220 grits.

Before staining, remove all sanding dust and dirt with a vacuum, tack cloth, or rag dampened with mineral spirits. For grease or glue, remove with a clean rag dampened with mineral spirits. Soft woods such as pine, fir, or maple require a wood conditioner. Use Varathane Premium Wood Conditioner before staining.

PRODUCT APPLICATION (cont.)

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.

TESTING COLOR

Be sure to test your stain to verify the desired color. To test, apply the stain in an inconspicuous area. When testing on soft wood, be sure to sand and condition the test area. To achieve a lighter color, wipe the stain immediately after application. For a deeper color, allow the stain to set for 1 hour before wiping, or apply additional coats of stain.

APPLICATION

Use only when air (ambient) temperature is between 55-90°F (13-32°C) and relative humidity is below 85%. Stir the contents thoroughly to ensure any settled pigment is re-dispersed before application. Apply with a brush or clean, lint-free cloth. Apply the stain across the grain until the wood is saturated on top. Wipe the excess stain off in the direction of the wood grain. Do not let the stain dry before wiping off the excess. A second coat can be applied after 2 hours. Do not sand between stain coats.

PROTECTING THE WOOD

Allow Varathane Premium Wood Stains to dry for 8 hours when applying an oil-based finish or 24 hours before applying a water-based finish.

DRY AND RECOAT TIMES

Dry and recoat times are based on 70°F and 50% relative humidity. Allow more time at cooler temperatures. Dries to the touch in 1-2 hours, dries to handle in 2 hours and can be recoated in 2 hours.

CLEAN UP

Clean application tools and equipment with mineral spirits or paint thinner.

**TECHNICAL DATA****VARATHANE® INTERIOR WOOD STAIN****PHYSICAL PROPERTIES**

		INTERIOR WOOD STAIN
Resin Type		Urethane Modified Alkyd
Pigment Type		Inorganic pigments
Solvents		Mineral Spirits
Weight	Per Gallon	7.19-8.73 lbs.
	Per Liter	0.86-1.04 kg
Solids	By Weight	29.0-34.0%
	By Volume	42.0-42.1%
Volatile Organic Compounds		<550 g/l (4.5 lbs./gal.)
Recommended Dry Film Thickness (DFT) Per Coat		0.5-1.0 mils (12.5-25μ)
Wet Film to Achieve DFT (unthinned material)		1.5-3.0 mils (37.5-76μ)
Theoretical Coverage at 1 mil DFT (25μ)		465-545 sq.ft./gal. (11.4-13.4 m ² /l)
Practical Coverage at Recommended DFT (assumes 15% material loss)		225-275 sq.ft./quart (5.5-6.8 m ² /l)
Dry Times at 70-80°F (21-27°C) and 50% Relative Humidity	Touch	1-2 hours
	Handle	2 hours
	Recoat	2 hours
Shelf Life		3 years
Flash Point		105°F (41°C)
Safety Information		For additional information, see MSDS

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