VARATHANE®
TOTAL CONTROL GEL STAIN

DESCRIPTION AND USES

Varathane® Total Control Gel Stain is a fast-drying, water-based stain that provides rich, even color. This easy-to-use formula is ideal for vertical surfaces such as doors, trim and banisters and can be applied to a variety of surfaces such as wood, metal, fiberglass and more. Varathane Total Control Stain has a thick consistency that will not drip or run. This low-odor formula cleans up easily with soap and water and can be used on both interior and exterior projects.

This product is ideal for interior surfaces such as furniture, doors, and veneer. It can also be used on exterior surfaces such as outdoor furniture and doors (protect using Varathane Spar Urethane). It is not recommended for use on floors, decks, or siding.

PRODUCT FEATURES & BENEFITS

- No drips
- Ideal for wood, metal, fiberglass and more
- Low odor
- Soap & water cleanup
- Great for vertical surfaces
- Rich even color

PRODUCTS

QUART	HALF PINT	DESCRIPTION
394706	245298	Classic Gray
394707	245311	Smoke Gray
394748	245331	Dark Walnut
394749	245333	Kona
394750	245299	Ebony
396055	245330	American Walnut
245228	245272	Ipswich Pine
245249	245278	Black

PRODUCT APPLICATION

SURFACE PREPARATION

WOOD SURFACES - On wood surfaces, remove any existing coatings using sandpaper or a 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. Pre-treat surface with Varathane Water-Based Pre-Stain Wood Conditioner, following label instructions, to ensure uniform color and grain raise control.

PRODUCT APPLICATION (cont.)

SURFACE PREPARATION (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.

NON-WOOD SURFACES – When applying Varathane Total Control Gel Stain to non-wood surfaces, thoroughly clean the surface and remove all dust, dirt, grease, and glue. Make sure surface is thoroughly clean and dry before proceeding. This product works best on factory-coated fiberglass and metal doors. Test for compatibility prior to full application of product. This stain is not a substitute for a corrosion-resistant coating. It will not protect metal from corrosion. Do not apply directly over ferrous containing metals.

TESTING COLOR - Be sure to test your stain to verify the desired color. To test, apply stain in an inconspicuous area. Be sure to sand and condition the test area first.

APPLICATION

Bare or Unfinished Wood - Use adequate ventilation at all times. Stir thoroughly before use. Apply when temperatures are between 50-90°F (10-38°C) and the relative humidity less than 85%. Apply Varathane Total Control Gel Stain liberally to the surface going in the direction of the wood grain with a synthetic bristle or foam brush. Let stand for 1-2 minutes and wipe off excess with a clean, lint-free cloth, using light and even pressure. Remove excess stain in the direction of the wood grain. If grain raise occurs, lightly sand with 220 grit sandpaper between coats.

Finished Wood/Wood with Existing Top Coat - Use adequate ventilation at all times. Stir thoroughly before use. Apply when temperatures are between 50-90°F (10-38°C) and the relative humidity less than 85%. Lightly sand previous finish with 220 grit sandpaper to improve adhesion. Remove all sanding dust and thoroughly clean the surface before application. Apply Varathane Total Control Gel Stain to the surface using an extra fine bristle brush or foam brush to minimize brush marks. Apply stain in a thin, smooth coat in the direction of the wood grain. Let dry.

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PRODUCT APPLICATION (cont.)

APPLICATION (cont.)

Non-Wood Surfaces - Use adequate ventilation at all times. Stir thoroughly before use. Apply when temperatures are between 50-90°F (10-38°C) and the relative humidity less than 85%. Apply Varathane Total Control Gel Stain to the surface using an extra fine bristle brush or foam brush to minimize brush marks. Apply a thin, smooth coat. Let dry.

DRY TIME

Allow stain to dry a minimum of 1 hour. If a deeper color is desired, apply an additional coat. Allow at least 1 hour between coats.

When topcoating wood: Wait at least 2 hours before applying water-based topcoats; wait at least 6 hours before applying oil-based topcoats.

When topcoating non-wood substrates: Wait at least 24 hours before applying any topcoat.

Dry times may be affected by temperature, humidity, and ventilation.

PRODUCT APPLICATION (cont.)

PROTECTING YOUR PROJECT

Use Varathane Polyurethane (Interior) or Spar Urethane (Exterior) topcoat to protect your projects. Refer to topcoat label for application and dry time guidelines.

CLEANUP

Clean up tools and equipment with soap and water.

Form: EJ-237
Rev.: 071125

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PHYSICAL PROPERTIES

		TOTAL CONTROL GEL STAIN
Resin Type		Acrylic & Oil Modified Acrylic Polymer
Pigment Type		Inorganic
Solvents		Water
Weight	**Per Gallon**	8.2-8.5 lbs.
	Per Liter	0.98-1.02 kg
Solids	**By Weight**	15.0-19.0%
	By Volume	16.5-20%
Volatile Organic Compounds		<275 g/l (2.29 lbs./gal.)
Recommended Dry Film Thickness (DFT) Per Coat		NA
Wet Film to Achieve DFT (unthinned material)		NA
Practical Coverage at Recommended DFT (assumes 15% material loss)		170-210 sq.ft./quart (Varies with type and porosity of wood)
Dry Times at 70-80°C (21-27°C) and 50% Relative Humidity	**Touch**	15 minutes
	Recoat	1 hour
	Topcoat	Dependent on substrate and topcoat. See Dry Time section for more information.
Shelf Life		3 years (unopened)
Flash Point		>200°F (>93.3°C)
Safety Information		For additional information, see SDS