



VARATHANE® ULTRA THICK FLOOR FINISH

DESCRIPTION AND USES

Varathane® Ultra Thick Floor Finish is designed to offer a thicker, stronger and faster project completion than a traditional polyurethane floor finish. The advanced self-leveling technology allows floor finish projects to be completed in only 2 coats instead of the traditional 3-4 coats. This water-based formula provides excellent scuff, scratch and stain resistance with the convenience of soap and water clean-up. It is suitable for use on all interior bare or stained hardwood floors and surfaces including furniture, doors, trim and more.

This product is not recommended for linoleum, vinyl or glazed tiles, metal or exterior surfaces.

PRODUCTS

SKU	Description
298272	Gloss - 1-Gallon
298273	Semi-Gloss - 1-Gallon
298274	Satin - 1-Gallon

PRODUCT APPLICATION

PREVIOUSLY FINISHED SURFACES

For best adhesion, surfaces must be clean, dry and completely free of wax, grease, oil, shellac, lacquer, mildew and polishes. Waxes must be removed with a wax stripper. Sanding does not remove wax. Shellac must be removed with a paint stripper. Previously finished floors in good condition should be cleaned with a T.S.P. (Tri Sodium Phosphate) solution in water and wiped thoroughly with clean water. **DO NOT** use T.S.P. on bare wood floors as discoloring will occur. Some types of prefinished or factory finished floors may not be compatible with Varathane Ultra Thick Floor Finish.

Old finishes in poor condition must be removed. Use the Varathane ezV® floor sander to obtain a smooth surface. Do not use steel wool as rust may develop after the finish has been applied. Remove all sanding dust using a vacuum or cloth dampened with mineral spirits.

Warning: Sanding dust can be a spontaneous combustion hazard. Always dispose of collected sanding dust immediately.

UNFINISHED BARE WOOD

Use the Varathane ezV sander to sand the new wood surface. Remove sanding dust with a vacuum and a rag dampened with mineral spirits. Refer to the Varathane Floor Finishing brochure for more information.

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 dampened mop or lint-free cloth. 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.

STAINED OR PAINTED WOOD

Follow manufacturer's directions for application of stain or paint. Make certain surface is thoroughly dry before applying Varathane Ultra Thick Floor Finish. Refer to the manufacturer's label for dry times. For best results, use Varathane premium Wood Stains.

APPLICATION TIPS

Product appears milky when wet but dries to a crystal clear coating. Use adequate ventilation at all times. Do not apply in direct sunlight. Apply at temperatures above 55°F (13°C) and below 90°F (32°C) and relative humidity below 85%. To prevent bubbles in the finish, DO NOT shake the container, over-brush or over apply the finish. Test Varathane Ultra Thick Floor Finish in an inconspicuous area before beginning. Testing is particularly important when applying over paints or stains as the appearance of these products may change when a water-based finish is applied.

APPLICATION

Stir thoroughly before and during use. To prevent bubbles in the finish, **DO NOT SHAKE**. Apply using a high quality synthetic bristle brush, T-bar or shed-free applicator pad. **DO NOT USE A ROLLER OR LAMBS WOOL APPLICATOR PAD.** Two coats are **REQUIRED**. Allow the first coat to dry a minimum of 3-5 hours, but less than 3 days. Recoat only when the previous coat has dried clear and feels hard. If any coat has dried more than 3 days, lightly sand with 220 grit sandpaper before recoating. (A powder should develop when lightly sanded). If necessary, apply additional coats following the directions above. Note: Uneven or inadequate film build will result in an inconsistent appearance, orange peel or stipple.

DRY TIME

Dry times are based on 70°F and 50% relative humidity. Lower temperatures and/or higher humidity may cause slower dry times. Allow the finish to dry 24 hours before light traffic and 7 days for full cure.

CLEAN UP

Soap and Water



TECHNICAL DATA
VARATHANE® ULTRA THICK FLOOR FINISH

PHYSICAL PROPERTIES

		ULTRA THICK FLOOR FINISH
Resin Type		Acrylic Urethane
Pigment Type		NA
Solvents		Glycol Ethers and Water
Weight	Per Gallon	8.60-8.80 lbs.
	Per Liter	1.03-1.06 kg
Solids	By Weight	34.5-35.5%
	By Volume	32.0-33.0%
Volatile Organic Compounds		275 g/l 2.28 lbs./gal.
Recommended Dry Film Thickness (DFT) Per Coat		1.5-2.0 mils (37.5-50µ)
Wet Film to Achieve DFT (unthinned material)		5.0-6.0 mils 125-150µ
Practical Coverage at Recommended DFT (assumes 15% material loss)		260-320 sq.ft./gal. (6.4-7.9 m ² /l)
Dry Times at 70-80°F (21-27°C) and 50% Relative Humidity	Recoat	3-5 hours (or until dry to touch)
	Light Traffic	24 hours
	Full Cure	7 days
Shelf Life		3 years
Flash Point		>200°F (93°C)
Safety Information		For additional information, see SDS

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