

TECHNICAL DATA SHEET

OLD MASTERS® WATER-BASED POLYURETHANE

AVAILABLE SIZES: Quart (04) and Gallon (01)

PRODUCT CODES: 754 Gloss
755 Satin
756 Semi-Gloss

PRODUCT DESCRIPTION: Old Masters® Interior Water-Based Polyurethane is a crystal clear finish that creates a hard, durable coating. This product is for use on interior surfaces and will not amber. Dries quickly with low odor and cleans up easily with soap and water. Non-toxic, this product is child safe when dry and environmentally friendly. Great for use on interior wood and composite surfaces such as floors, cabinets, doors, furniture and woodwork.

SURFACE PREPARATION: All surfaces must be clean, dry and free from dirt, wax, grease, glue and other contaminants or penetration and adhesion will be affected. DO NOT use over shellac, lacquer, filler, stains or sealers containing stearates. After sanding, remove sanding dust with vacuum or damp cloth. DO NOT use a tack rag to remove dust, as it may leave a residue that will interfere with adhesion.

New Wood: Sand surface thoroughly with medium grit sandpaper and progress to fine grit sandpaper. Always sand in the direction of the wood grain. Do not use steel wool.

Previously Finished Surfaces: Surface should be sanded to remove imperfections and gloss, using extra fine sandpaper (220 grit), sanding with the grain. Do not use steel wool.

Stained Surfaces: Stain must be thoroughly dry before applying clear finish. Allow oil-based stain to dry a minimum of 24 hours in good drying conditions before top coating. Do not sand uncoated stained surface.

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.

APPLICATION: Stir thoroughly before and during application. DO NOT SHAKE. Test the finish on an inconspicuous area to ensure adequate adhesion. Interior Water-Based Polyurethane appears milky in the can but dries clear. Do not apply in direct sunlight or areas of extreme air movement.

1. Apply with a synthetic fiber brush, foam brush, flat pad or sprayer. A short nap roller may be used for large flat areas but must be brushed immediately to alleviate air bubbles. A lamb-swool applicator may be used for large flat areas.
2. Apply in full even coats in the direction of the grain. If brushing, apply liberally and keep a wet edge, working quickly to ensure an even coat. Apply with care to prevent bubbles in the finish.
3. Allow 1 to 2 hours before recoating. Sand lightly between coats with fine sandpaper (220 grit) to produce a finer finish. If sandpaper gums up allow more dry time. Remove sanding dust.
4. Reapply. Three coats are recommended for greatest durability.

Note: Interior Water-Based Polyurethane will not yellow when applied over water-based stains. Many water-based clears may have a tendency to yellow over solvent or oil based white or pastel stains. Please use caution and test before you start your project.

TECHNICAL DATA SHEET

OLD MASTERS[®] WATER-BASED POLYURETHANE

THINNING: Thinning is not recommended, but if necessary, a small amount of water may be added. For spray applications, up to one (1) pint of water per gallon may be used.

COVERAGE: Approximately 300 to 400 square feet per gallon. Coverage will vary significantly depending on application method and condition of wood.

DRYING TIME: Apply when air and surface temperatures are between 60° and 90°F and humidity is between 30% and 70%. At 50% relative humidity and 70°F, Interior Water-Based Polyurethane will dry to touch within 30 minutes and ready to recoat after 1 hour. Drying time will be affected by temperature, humidity and film thickness. Wait 24 hours before subjecting surfaces to light use. Care should be used during the first week after application as the finish is curing to its ultimate hardness. Protect product from freezing prior to and during application.

CLEAN UP: Wash brushes and equipment in warm, soapy water. Rinse clean.

MAX VOC: 275 grams/liter (2.29 lbs/gal)

TECHNICAL DATA

GLOSS:	@ 60° Gloss 90 to 95 Semi-Gloss 50 to 65 Satin 25 to 35	WEIGHT PER GALLON:	2.29 lbs/gal
SOLIDS BY WEIGHT:	32.0%	FLASH POINT:	Not applicable
SOLIDS BY VOLUME:	29%	VISCOSITY AT 77 °:	Gloss 30-35 sec. #4 Ford Cup Semi-Gloss 30-40 sec. #4 Ford Cup Satin 35-40 sec. #4 Ford Cup
V.O.C.:	275 grams/liter	AVERAGE DRY TIME @ 70°F AND 50% R.H.:	Approximately 2 hours
THEORETICAL COVERAGE @ Mil DFT:	464 sq ft/gal	VEHICLE:	Water
COVERAGE @ RECOMMENDED DFT	250-500 sq ft/gal	SOLVENT SYSTEM:	Water
RECOMMENDED DFT PER COAT:	1-2 mills DFT	RECOMMENDED THINNER:	Do not thin. Used as packaged.

Limited Warranty Since Old Masters[®] does not control the application of its products, nor is the condition of the surface to which they are applied, a Limited Warranty provided. If the products do not perform as specified, for whatever reason, Old Masters[®] liability will under no circumstances exceed the replacement of the product.