

TECHNICAL DATA SHEET

OLD MASTERS® EXTERIOR WATER-BASED SPAR-URETHANE

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

PRODUCT CODES: 744 Gloss
745 Satin
746 Semi-Gloss

PRODUCT DESCRIPTION: Protect the beauty and integrity of exterior surfaces with Old Masters® Exterior Water-Based Spar-Urethane. This clear exterior application can be used on wood, fiberglass, coated metal, or painted surfaces and contains Ultra Violet Absorbers for advanced sun protection. Dries quickly and cleans up easily with soap and water. It provides a durable coating on properly prepared exterior surfaces, such as railings, outdoor furniture, above water-line marine surfaces, as well as wood, fiberglass and steel doors. For interior use on windowsills and door frames for added Ultra Violet protection. **DO NOT USE** on wooden decks or steps, wood siding, log homes or wood boats below water-line.

As with all exterior clear finishes, this product will not offer unlimited protection against the elements. Surfaces which receive direct sunlight may have to be re-coated annually to maintain gloss and to prevent cracking and peeling.

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.

Bare 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. 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. Exterior Water-Based Spar-Urethane 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.
2. Apply in full, even coats in the direction of the grain. Do not over apply. Over applying can produce a milky appearance. Do not over brush or create excess air bubbles.
3. Spar-Urethane will dry to touch in 30 minutes and ready to topcoat after 1 hour. Sand lightly between coats with fine sandpaper to produce a finer finish. If sandpaper gums up allow more dry time. Remove sanding dust. Allow 1 to 2 hours before recoating.
4. Reapply. Three coats are recommended for minimum protection. Additional coats are recommended for wood, fiberglass and steel exposed to direct sunlight.

Do not use on decks or areas that are subject to foot traffic. applications, we recommend three coats.

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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

COVERAGE: Approximately 230 to 470 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, Exterior Water-Based Spar-Urethane will dry to touch within 30 minutes and ready to topcoat after 1 hour. Dry time will be affected by temperature, humidity and film thickness. Protect product from freezing prior to and during application.

Wait 24 hours before subjecting surfaces to light use. Care should be used during the first week after application as the finish is still curing to its ultimate hardness.

CLEAN UP: Wash brushes and equipment in warm, soapy water and rinse with water.

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

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GLOSS:	@ 60° Gloss 85-90 Semi-Gloss 50-55 Satin 20-25	WEIGHT PER GALLON:	8.64 lbs.
SOLIDS BY WEIGHT:	31.77 to 32.42%	FLASH POINT:	>200°F
SOLIDS BY VOLUME:	28.81 to 29.18%	VISCOSITY AT 77 °:	31-36 sec #2 Zahn
V.O.C.:	275 grams/liter	AVERAGE DRY TIME @ 70°F AND 50% R.H.:	Dries to touch in 30 minutes. Recoat after 1-2 hours.
THEORETICAL COVERAGE @ 1 Mil DFT:	464 sq. ft. per gal.	VEHICLE:	Water
COVERAGE @ RECOMMENDED DFT	231-468 sq. ft. per gallon	RECOMMENDED THINNER:	Water
RECOMMENDED DFT PER COAT:	1-2 Mils DFT		

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.