

SPAR-MARINE VARNISH

Description

Old Masters Exterior Oil-Based Spar-Marine Varnish is a durable exterior coating for use on wood surfaces. It contains ultraviolet absorbers for advanced sun protection. Use on exterior surfaces such as fences, railings, lawn furniture, doors, boats and marine surfaces. For interior use on windowsills and door frames for added ultraviolet protection. For use on wood substrates only. 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 recoated 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.

Bare Wood Surfaces: Sand surface thoroughly with medium grit sandpaper and progress to fine grit sandpaper. Always sand in the direction of the wood grain. Remove dust with a tack rag.

Previously Finished Wood: Surface should be sanded to remove imperfections and gloss, using extra fine sandpaper (220 grit), sanding with the grain. Remove dust with a tack rag.

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. Do not apply in direct sunlight or areas of extreme air movement.

1. Apply with pure bristle or polyester brush, flat pad or spray.
2. Apply in full, even coats. Flow on with minimum brushing to achieve a glass-like finish.
3. Spar-Marine Varnish will dry to touch in 4 to 6 hours. Under ideal drying conditions, allow 8 to 16 hours before recoating. Overnight drying is recommended.
4. Sand lightly between coats with fine sandpaper (220 grit) to produce a finer finish and promote adhesion. If sandpaper gums up allow more dry time. Remove sanding dust.
5. Reapply. For exterior surfaces, a minimum of three coats should be applied.

Note: DO NOT varnish before morning dew has evaporated or two hours before sunset. Avoid varnishing on damp, humid days. Keep work area as dust free as possible until finish has thoroughly dried. A slight ambering effect may occur over light colored surfaces.

Product Codes

Satin	Spray	92310
	Quart	92304
	Gallon	92301
	Five Gallon	92305
Gloss	Spray	92410
	Quart	92404
	Gallon	92401
	Five Gallon	92405
Semi-Gloss	Spray	92510
	Quart	92504
	Gallon	92501
	Five Gallon	92505

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Thinning

Do not thin. Used as packaged.

Coverage

Approximately 500 square feet per gallon. Coverage will vary significantly depending on application method and condition of wood.

Dry 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, Spar-Marine Varnish will dry to touch in 4 to 6 hours. Under ideal drying conditions, allow 8 to 16 hours before recoating. Overnight drying is recommended. Drying 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 curing to its ultimate hardness.

Clean Up

Using a cleaning solvent, such as paint thinner or mineral spirits, is recommended for cleanup. The use of paint thinners or mineral spirits may violate VOC compliancy in your area. Check with your local government agencies to ensure proper compliancy.

DANGER: Rags, steel wool, sanding residue, and other wastes used or soaked with this product may spontaneously catch fire if improperly discarded. No ignition source is required for these wastes to start on fire by themselves. Immediately place rags, steel wool, sanding residue, and other wastes used or soaked with this product in a sealed, water-filled metal container. Dispose of in accordance with local fire regulations.

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 is 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.

Technical Data

Gloss @ 60°

Satin	25 to 30
Semi-Gloss	45 to 50
Gloss	92

Product Information

Solids by Volume	Satin 42.4% Semi-Gloss 41.6% Gloss 41.5%
Solids by Weight	Satin 52% Semi-Gloss 49.8% Gloss 48.4%
Weight per Gallon	7.5 to 7.8 lbs
Vehicle	Oil/Varnish
Viscosity at 77°F #4 Ford Cup	Satin 25 to 30 secs. Semi-Gloss 25 to 30 secs. Gloss 35 to 45 secs.
Flash Point	102° Tag Closed Cup
Recommended Thinner	Do not thin. Used as packaged.
VOCs	350 g/L

Coverage

Theoretical Coverage @ Mil DFT	Satin 680 sq ft/gal Semi-Gloss 667 sq ft/gal Gloss 666 sq ft/gal
Coverage @ Recommended DFT	Satin 250 to 350 sq ft/gal Semi-Gloss 200 to 325 sq ft/gal Gloss 250 to 350 sq ft/gal
Recommended DFT Per Coat	2 to 3 Mils

Dry Time

At 70°F and 50% Relative Humidity	Approximately 4 to 6 hours
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