

Sutherland Welles Ltd.®

Sustainable, natural & earth-friendly Polymerized Tung Oil wood finishes.

General Instructions



Marine Spar Varnish

Best Uses: Boat Brightwork, Truck Beds, Fly Rods, Doors, Window Sash, etc.

The combination of UV guards, fungicide, polymerized tung oil, and high-quality phenolic resin blended in our Exterior Marine Spar Varnish make this an exceptional choice for a more permanent finish with a spectacular high gloss

The finishing process begins with applying our Exterior Sealer, which carries the UV guards and fungicide deep into the wood followed by a transitional mixed coat. Topcoats of Marine Spar Varnish create a glossy & well protected surface.

Before You Get Started

Applicator Options

Brush: Natural white china bristle brush

Spray: HVLP compatible (no dilution necessary)

The Marine Spar Varnish is too resin heavy for wiping application methods.

Other Tools For Project

Sandpaper (or Steel Wool Equivalent)

- 220 (Max before first coat)
- 400 & 600 (Between coats)

Mineral Spirits or Di-Citrusol

Tacking Cloth (Scott® blue paper shop towels)

Helpful Tools: Vacuum, Dust Brush, & Fan

Optimal Finishing Conditions

- Weather conditions 55-75°F
- Humidity: 65% or less

Working outside optimal conditions can lengthen curing time between coats and overall. Air flow helps finish the cure. **Tacky surfaces are NOT cured.**

Application Instructions

Wood Preparation:

Wood surface should be free of lint, dirt, grease, wax, oil, and old paint. If refinishing old wood, make sure to remove any loose old finish.

Before Applying FIRST Coat:

Sand the wood up to 220 grit paper. Avoid higher grits as they close wood pores, interfering with maximum penetration in the initial coat.

Strategy: Coats should be VERY THIN. NO Puddles. Plan on working in segments on large surface areas.

Step 1:

- Apply Exterior Sealer
- Let cure 24 hours

Between Each Coat: Cure Test

Finger tips gliding easily against the grain & a white powder from sanding indicate that you can safely apply another coat.

Step 2:

- Sand 400 grit
- Vacuum & tack surface
(use Mineral Spirits on a rag to clean surface)

Step 3:

- Mix & Apply
2 parts Marine Spar + 1 part Exterior Sealer
- Let cure 24 hours

Step 4:

- Sand 600 grit
- Vacuum & tack surface

Step 5:

- Apply Marine Spar Varnish
- Let cure 24 hours

Step 6:

- Sand (600 grit)
- Vacuum & tack surface

Step 7:

- Apply Marine Spar Varnish
- Let cure 24 hours

Repeat steps 6-7 for higher sheen or for maintenance coats.

Gentle use after 24 hours. Spar Varnish Resin fully cures through 7-14 days & full tung oil cure through after 30 days (+/- based on local humidity/elevation/temperature)