

**TotalBoat Lust High-Gloss Spar Varnish, Lust Matte Varnish -- Tech Data Sheet****SUPPORT PRODUCTS:****Thinner:** TotalBoat Special Brushing Thinner 100 (Brushing/Rolling), Xylene (Spraying)**Cleanup:** TotalBoat Special Brushing Thinner 100**Filter/Strainer:** Fine paint strainer**Sealer/Primer (Optional):** TotalBoat Wood Sealer**SURFACE PREPARATION:****New Wood:** Surface must be dry. Remove all surface contaminants such as dust, oil, and grease by wiping surface with a lint-free cheesecloth or rag dampened with mineral spirits.

\* Sand wood, with the grain, down to 220-320 grit sandpaper. Wipe clean with mineral spirits. Let flash.

\* Apply the first coat of Lust.

**Previously Varnished Wood:** Remove all previous varnish layers in poor condition.

\* Sand the wood smooth down to 320-grit paper. Wipe wood clean with mineral spirits. Allow to flash.

\* Apply the first coat of Lust.

**MIXING / REDUCTION:**

1 Stir Lust well, DO NOT SHAKE.

2 When finishing new wood, reduce up to 100% with TotalBoat Special Brushing Thinner 100 (when brushing) or xylene (when spraying) for the FIRST COAT ONLY. This reduction allows Lust to penetrate and seal the grain.

3 Spray Application: Subsequent coats should be applied with up to 20% reduction, as needed, with xylene.

4 Brush Application: Reduction may not be required after the first coat, but if desired, reduce up to 20% with TotalBoat Special Brushing Thinner 100. For an optimum finish on the final coat, avoid thinning more than 5%.

**APPLICATION: Lust can be used to seal wood and build up a complete finishing system.****Hint for MATTE applications:** For best results, clarity, and depth of grain, it is best to only use HIGH GLOSS for sealer and build coats. When a MATTE finish is desired, build up coats with Lust High Gloss, sand smooth, and finish with 1-2 thin coats of Lust Matte (generally thin 10-25% with TotalBoat Special Brushing Thinner 100 for the final Matte coats).

1 After new wood has been sealed or on previously varnished, prepared surfaces: Apply light, smooth, even coats (2.0 to 3.0 mils wet) of full-bodied material. Depending on temperature, you have only 45-90 seconds to maintain a workable edge, however, Lust will not skin over in the cup while you're varnishing.

2 Recoat after 1 hour at 72°F, when surface is tack-free. Can overcoat without sanding for up to 48 hours.

3 For best results: Use 320-400 grit sandpaper after every 2-3 coats. CAUTION: After sanding, solvent wipe with mineral spirits ONLY, as film is not yet fully cured.

4 If building Lust as a stand-alone coating, repeat steps 1-3 above until the grain is filled (may need 6-8 coats). Exact number of coats required varies by wood type, applied film thickness, and amount of sanding.

**NOTES:** Lust will cure when the product, substrate (application surface), and outside/ambient temperatures are as low as 45°F, however, you will achieve best results when substrate temperatures are between 60°F and 100°F. If possible, avoid applying or curing the material in direct sunlight. Do not apply varnish to surfaces warmer than 105°F or colder than 45°F. Do not attempt to cure this product below 45°F.**RECOMMENDED APPLICATION:** 2-3 light, smooth, even coats (2-3 mils wet) per day (recoating only when the surface is tack-free to the touch) for two to three days. Sand after every 2-3 coats with 320-400 grit sandpaper. After sanding, solvent-wipe with mineral spirits ONLY, as film is not yet cured. After 48 hours without overcoating, a light scuff/sanding is necessary, commonly with 320-grit sandpaper. After sanding, vacuum and solvent-wipe with mineral spirits.**ACCELERATED APPLICATION:** If applying 4+ coats per day, wait up to 48 hours before sanding and applying subsequent coats. After sanding, vacuum and solvent-wipe with mineral spirits.**HINT:** TotalBoat Wood Sealer can also be used on new wood before applying Lust to avoid any reducing and mixing on the first coat. Simply apply 2-3 coats of Wood Sealer on sanded and cleaned bare wood, allow to dry for 24 hours and then apply Lust as directed above.**APPLICATION DATA:****Application Method:** Brush; Roll and Tip; Spray**Number of Coats:** Approximately 6 to 8**Film Thickness (per Coat):** 2-3 wet mils**Wet Edge Time:** 5 minutes @ 72°F**Coverage (sq ft/gal):** 750 @ 1 mil; 250 @ 3 mils dry**Application Temperature/RH:** 45°F to 105°F; 0-90% RH**Tack-Free Time to Recoat:** 1 Hour at 72°F**Overcoat Without Sanding:** Up to 48 hours**PHYSICAL DATA:****Vehicle Type:** Linseed oil modified polyurethane**Components:** One**Finish:** Ultra-High Gloss, Clear Amber**Gloss (DOI):** >80% @ 20°; >92% @ 60° (Gloss), 20-40% (Matte)**Flash Point:** 108°F**Solids (% by Weight):** 53%**Solids (% by Volume):** 48%**VOC (g/L):** Coating 419 g/L; Material 416 g/L

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