

TotalBoat Lust High Gloss Spar Varnish and Lust Matte Varnish -- Tech Data Sheet

TotalBoat Lust High Gloss is designed for new wood or previously varnished surfaces, leaving a high-gloss, mirror image. TotalBoat Lust Matte should only be used as a finish coat on top of Lust High Gloss when a low-sheen, matte finish is desired. Lust High Gloss and Lust Matte can also be blended to form a custom sheen.

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: Remove any grease, oil, dust, or other surface contamination.

Teak Applications: If the wood is gray or stained, use TotalBoat Teak Cleaner, as directed, and allow to dry for at least 48 hours.

* Sand the wood with 180-220 grit sandpaper to sand in the direction of the grain until all of the grain is uniform and smooth.

* Remove any sanding residue, wipe down the wood with a clean, lint-free cotton rag wetted with denatured alcohol, and follow with a dry, clean, lint-free cotton rag.

Previously Varnished Wood: Completely remove any previous coatings that are in poor condition.

* If the coating is in good condition, sand the surface with 320-grit sandpaper in the direction of the grain underneath.

* Remove any sanding residue, wipe the surface clean with a clean, lint-free cotton rag wetted with denatured alcohol, and follow with a dry, clean, lint-free cotton rag.

APPLICATION:

CONDITIONS FOR APPLICATION: 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. Do not attempt to cure this product below 45°F. Do not apply Lust when rain, dew, or weather may affect the cured finish.

IMPORTANT! For best results, clarity, and depth of grain, **DO NOT use Lust Matte on bare wood, or for sealer coats. Only use Lust Matte for the final 1 or 2 coats.**

SEALER COATS: * Stir TotalBoat Lust very thoroughly prior to pouring off or applying. The first 2-3 coats of varnish are generally considered the sealer coats, which work to fill the grain and bond directly to the wood.

* Reduce Lust High Gloss up to 100% with TotalBoat Special Brushing Thinner 100 (when brushing) or xylene (when spraying) for these coats.

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, then apply Lust, as directed above.

PREVIOUSLY SEALED OR * A total of 6-8 coats will give the best finish and depth.

COATED WOOD: * Under optimal conditions, Lust can be recoated as soon as 1 hour @ 72°F, when the surface is tack-free. You can overcoat without sanding, for up to 48 hours.

* Solvents should not be used to clean sanding residue within 48 hours of applying the previous coat of Lust. Denatured alcohol or mineral spirits can be used as cleaning solvents after sanding, but either solvent must be evaporated completely before reapplying.

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. Remove sanding residue before applying more Lust.

ACCELERATED APPLICATION: If applying 4+ coats per day, wait up to 48 hours before sanding and applying subsequent coats.

BRUSHING TECHNIQUES: Reduction may not be required after the first coat, but if desired, reduce up to 20% with TotalBoat Special Brushing Thinner 100 to achieve proper flow or working time. For an optimum finish on the final coat, avoid thinning more than 5%. High-quality natural bristle brushes generally yield the best application properties for brush application.

SPRAY TECHNIQUES: Reduce 25-100% with xylene, as conditions and spray equipment will dictate, but less reducer will yield higher gloss.

LUST MATTE APPLICATION: For best results, only apply Lust Matte for the final 1-2 finish coats. Lust Matte can be blended with Lust High Gloss to form a custom finish, if desired. Lust Matte yields the best results when thinned 20-40% with TotalBoat Special Brushing Thinner 100 (brushing) and applied very thinly in the direction of the grain, or 30-100% with Xylene (spraying).

MAINTENANCE: * Wash with TotalBoat Boat Soap and water.

* To maintain the best finish and clarity, annual maintenance coats are required for brightwork that is exposed to UV rays. Sand lightly with 320-grit sandpaper or a Scotch-Brite™ pad.

* Any damaged or scratched areas should be sanded to the depth of the damage. Remove any sanding residue.

* Depending on the severity of the damage, apply 1-3 coats to any damaged areas, then allow 24 hours to cure. Sand the damaged area to blend with the surrounding Lust.

* Apply 1-2 finish coats to the entire piece to restore the finish and UV protection.

APPLICATION DATA:

Application Method: Brush, Roll and Tip, or Spray

Number of Coats: Approximately 6 to 8

Film Thickness (per Coat): 2-3 mils wet

Wet Edge Time: 5 minutes @ 72°F

Coverage (sq ft/gal): 360-400

Application Temperature/RH: 45°F to 105°F; 0-90% RH

Tack-Free Time to Recoat: 1 hour @ 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 Content: Coating 419 g/L; Material 416 g/L

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