

## TotalBoat Aluminum Boat Paint - Tech Data Sheet

### SUPPORT PRODUCTS:

**Thinning (Brush/Roll):** Water (up to 20% maximum)

**Thinning (Spray):** Water (up to 20% maximum)

**Cleanup:** Water

**Primer:** TotalBoat Aluminum Boat Etch Wash (recommended), TotalBoat Aluminum Boat Barrier Coat

### COMPATIBLE SUBSTRATES:

**Aluminum:** Yes

**Steel:** Yes

**Previously Painted**

**Surfaces:** Yes

**Fiberglass:** Yes

**Wood:** Yes

### SURFACE PREPARATION:

**Aluminum:** Bare metal should be dry and cleaned thoroughly to remove any dirt, oil, grease, or other contaminants. For bare aluminum that is in poor condition, with a dull, oxidized look, sand with 220-grit sandpaper until shiny, then remove any sanding residue. Wipe the surface with denatured alcohol and allow to dry before painting. TotalBoat Aluminum Boat Etch Wash can also be used to remove oxidation and prepare the surface for paint.

\*\*\* For applications that require an epoxy barrier coat, apply TotalBoat Aluminum Boat Barrier Coat, as directed. Allow the barrier coat to cure completely, sand it smooth with 220-grit sandpaper, and remove any sanding residue with a clean, lint-free, cotton rag wetted with acetone or denatured alcohol. Allow the solvent to dry completely before applying paint.

**Steel:** Steel should be sanded or ground to bare, shiny metal. For best finish results, sand the surface with 220-grit sandpaper, and remove all sanding residue completely. Wipe the surface clean with denatured alcohol or acetone using a clean, lint-free, cotton rag. Allow the surface to dry completely before painting.

**Previously Painted Surfaces:** Completely remove all previous coatings that are lifting, peeling, or generally in poor condition. Sand the surface smooth with 220-grit sandpaper. Remove all sanding residue with a clean, lint-free, cotton rag wetted with denatured alcohol. Allow the solvent to evaporate thoroughly before painting.

**Fiberglass or Wood:** Sand primer smooth with 220-grit sandpaper. Remove all sanding residue using a clean, lint-free, cotton rag wetted with acetone or denatured alcohol. Allow the solvent to evaporate completely before painting.

### APPLICATION:

\* Stir TotalBoat Aluminum Boat Paint thoroughly.

\* Apply between 50-90°F, when weather and conditions will not affect the paint finish or proper drying.

\* For proper adhesion, it is important to apply Aluminum Boat Paint immediately after performing surface preparation, as soon as the surface is dry.

\* Aluminum Boat Paint can be applied by brush, roller, or spray equipment.

**Important note:** \* Apply 2-3 coats. Sanding is not necessary between build coats.

\* If the surface does get sanded, do not use solvents to clean the surface. Use ONLY a clean, lint-free, cotton rag wetted with clean water to remove any sanding residue.

**Final Coat:** \* Aluminum Boat Paint can be recoated without sanding up to 12 hours after the previous coat.

\* Prior to the final coat, wait at least 12 hours after applying, sand lightly with 320-grit sandpaper to remove any imperfections, and remove any sanding residue before applying the final coat.

\* Allow 48 hours for Aluminum Boat Paint to dry before use.

### APPLICATION DATA:

**Application Method:** Brush, Roll and Tip, Spray

**Number of Coats:** 2-3

**Film Thickness (per Coat):** 2-3 mils Dry (6-8 mils Wet)

**Application Temperature:** 50-90°F

**Application Humidity:** 0-90% (Do not use within 5°F of the dew point)

**Dry Time (Tack Free):** 45 minutes @ 72°F

**Dry Time to Overcoat** 1 hour to 72 hours @

**Without Sanding** 72°F (Must be tack free to (Minimum/Maximum): overcoat)

**Dry Time Before Sanding:** 12 Hours @ 45°F (minimum)

**Time Until Coating is Safe for Partial Water** 48 Hours

**Submersion:**

### PHYSICAL DATA:

**Vehicle Type:** Polyurethane

**Finish Sheen/Gloss:** 20-40°, High Gloss

**Components:** One

**Coverage (sq ft/gal):** 350-400

**Solids (% by Weight):** >30%

**Solids (% by Volume):** 25 +/- 2% (depending on color)

**VOC (g/L):** <75

**Flash Point:** >200° F

**Weight Per Gallon:** 8.75-9.5 (+/- .2) lbs., depending on color

**Units of Measure:** Quarts, Gallons

REVISION DATE: September 17, 2020

