

**TotalBoat AlumiPaint AF Copper-Free Ablative Antifouling Bottom Paint -- Tech Data Sheet**

**SUPPORT PRODUCTS:**

**Thinning:** TotalBoat Special Brushing Thinner 100 (Brush/Roll), Xylene (Spray)  
**Cleanup:** TotalBoat Special Brushing Thinner 100 or TotalBoat Dewaxer & Surface Prep  
**Primer:** TotalBoat TotalProtect Epoxy Barrier Coat Primer (Metals, except for Aluminum), TotalBoat Aluminum Boat Barrier Coat (Aluminum)

**COMPATIBLE SUBSTRATES:**

**Aluminum:** Yes - Consult aluminum application instructions.  
**Steel/Iron:** Yes - The surface must be prepared and primed with TotalBoat TotalProtect, as directed, prior to applying TotalBoat AlumiPaint AF.  
**Previously Painted Surfaces:** Yes - Do not apply over vinyl or Teflon® bottom paints.

**SURFACE PREPARATION:**

**Aluminum:** \* Sandblast or grind to a clean, bright, bare metal finish, then remove all sanding residue with a vacuum or fresh air blast.  
 \* Immediately apply TotalBoat Aluminum Boat Barrier Coat, as directed.  
 \* Apply 2 thin coats of TotalBoat AlumiPaint AF, as directed.

**Bare Steel/Iron:** \* Remove any loose debris or rust. Sandblast the surface until the entire surface is shiny, bare metal with a 2-3 mil profile. Immediately clean the surface with a vacuum and/or fresh air, then apply TotalBoat TotalProtect, as directed.  
 \* Wipe the surface clean with a lint-free cheesecloth or rag dampened with TotalBoat Dewaxer & Surface Prep.  
 \* Apply 2 thin coats of TotalBoat AlumiPaint AF, as directed.

**Previously Painted Surfaces:** \* Remove any previous paints in poor condition by sanding, scraping, or using a chemical paint stripper.  
 \* Proceed with the appropriate bare substrate preparation, as described above.  
 \* If the previous coating is in good condition, sand thoroughly with 80-grit sandpaper, then solvent clean with TotalBoat Special Brushing Thinner 100 to remove residue.  
 \* Apply 2 thin coats of TotalBoat AlumiPaint AF, as directed.

**APPLICATION:**

1. Shake or stir well to ensure all solids are mixed properly. TotalBoat AlumiPaint AF should not require thinning, but it can be thinned with solvent up to 10% (12 oz. per gallon).
2. Paint can be applied by brush, roller, or spray. A 3/16" nap or foam solvent-safe roller cover is recommended.
3. 1-2 coats of TotalBoat AlumiPaint AF are recommended for seasonal use. An extra 1-2 coats are recommended for application over bare substrates, around the waterline area, and any other areas with increased wear, such as leading edges of rudders, skegs, or struts.
4. Before launching, allow to dry for the specified time based upon temperature: 2 hours @ 90°F, 4 hours @ 70°F, 8 hours @ 50°F. There is no maximum amount of time that the boat can be launched after painting.

**MAINTENANCE:**

It is strongly suggested that the bottom of the boat be checked regularly to make sure it is clean and that no growth is accumulating. The self-cleaning nature of the AlumiPaint AF coating is most effective when the boat is used periodically. Boats painted with AlumiPaint AF should not be scrubbed or cleaned for the first six months in the water, and at intervals of not less than three months thereafter.

**APPLICATION DATA:**

**Application Method:** Brush, Roll, Spray  
**Number of Coats:** 1-2  
**Thinner/Reducer:** TotalBoat Special Brushing Thinner 100 (Brush/Rolling), Xylene (Spray)  
**Film Thickness (per Coat):** 1.5 mils dry (2.7 mils WFT)  
**Coverage (sq ft/gal):** 500  
**Application Conditions:** 50-90°F (at 0-90% humidity)  
**Dry Time to Overcoat:** 1 hour @ 90°F, 2 hours @ 70°, 4 hours @ 50°F  
**Dry Time to Launch:** 2 hours @ 90°F, 4 hours @ 70°F, 8 hours @ 50°F  
**Recommended Roller:** 3/16" (nap or foam)  
**Colors:** Black, Blue  
**Sizes:** Quart, Gallon

**PHYSICAL DATA:**

**Flash Point:** 105°F  
**Applicable Waters:** Salt water & fresh water  
**Base:** Solvent  
**Components:** One  
**Finish:** Eggshell  
**Launch Window:** There is no maximum dry time before launching  
**Seasonal Protection:** Single  
**Storage:** Keep from freezing!  
**Zinc Pyrithione:** 4.80%  
**Tralopyril:** 6.00%  
**Solids %:** 58% (Weight), 55% (Volume)  
**VOC (g/L):** < 330

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