

TotalBoat Spartan Multi-Season Ablative Antifouling 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**Surface Preparation Solvents:** TotalBoat Special Brushing Thinner, TotalBoat Dewaxer & Surface Prep**Primer:** TotalBoat TotalProtect Epoxy Barrier Coat Primer (Fiberglass, Metals (except for Aluminum))**COMPATIBLE SUBSTRATES:****Fiberglass & Wood:** Yes**Steel/Iron:** Yes - The surface must be prepared and primed with TotalBoat TotalProtect, as directed, prior to applying TotalBoat Spartan.**Previously Painted Surfaces:** Yes - Do not apply over tin, vinyl or Teflon® bottom paints.**Aluminum:** No**SURFACE PREPARATION:****Bare Fiberglass:** * All bare fiberglass, regardless of age, should be thoroughly cleaned several times with TotalBoat Dewaxer & Surface Prep.

* Sand thoroughly with 80-grit sandpaper to a dull, frosty finish and rewash the sanded surface with fresh water to remove sanding residue.

* Apply TotalBoat Spartan, as directed.

BARRIER COAT APPLICATION: To prevent osmotic blisters on bare fiberglass or gelcoat, TotalBoat TotalProtect can be applied (as directed on the label) prior to applying Spartan antifouling paint.**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 TotalBoat Spartan, as directed.

Bare Wood: * The surface must be dry and clean. Use seam compound to make sure all seams are filled and smooth.

* Sand the surface with 80-grit sandpaper.

* Wipe the surface clean with a lint-free cheesecloth or rag dampened with TotalBoat Special Brushing Thinner 100.

* Apply TotalBoat Spartan, 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 TotalBoat Spartan, as directed.

APPLICATION:

- Shake or stir well to ensure all solids are mixed properly. TotalBoat Spartan does not require thinning. The maximum percentage that Spartan can be thinned for any application method is 10% (12 ounces per gallon).
- Paint can be applied by brush, roller, or spray. A 3/16" nap or foam solvent-safe roller cover is recommended.
BRUSH/ROLLING TIP: TotalBoat Spartan does not require thinning, but adding 5-10% (6-12 oz. per gallon) of TotalBoat Special Brushing Thinner 100 can help give the smoothest finish possible.
- A minimum of 1 coat of TotalBoat Spartan is recommended for each season of 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 keels, skegs, or rudders.
- Before launching, allow to dry for the specified time based upon temperature: 6 hours @ 90°F, 10 hours @ 70°F, 16 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 Spartan coating is most effective when the boat is used periodically. Boats painted with Spartan 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 (airless or conventional)**Number of Coats:** 1-2**Thinner/Reducer:** TotalBoat Special Brushing Thinner 100 (Brush/Rolling), Xylene (Spray)**Film Thickness (per Coat):** 1.5 mils dry (3.75 mils WFT)**Coverage (sq ft/gal):** 500**Application Conditions:** 50-90°F (at 0-90% humidity)**Dry Time to Overcoat:** 1.5 hours @ 90°F, 3 hours @ 70°, 6 hours @ 50°F**Dry Time to Launch:** 6 hours @ 90°F, 10 hours @ 70°F, 16 hours @ 50°F**Recommended Roller:** 3/16" (solvent-safe nap or foam)**Colors:** Black, Blue, Green, Red**Sizes:** Quart, Gallon**PHYSICAL DATA:****Flash Point:** 105°F**Applicable Waters:** Salt water & fresh water**Base:** Solvent**Components:** One**Finish:** Flat**Launch Window:** There is no maximum dry time before launching**Seasonal Protection:** Multi (apply at least 1 coat per season of protection)**Storage:** Keep from freezing!**Cuprous Oxide:** 37.50%**Solids %:** 40% (Weight), 60% (Volume)**VOC (g/L):** 480

REVISION DATE: February 27, 2020

