

TotalBoat Underdog 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
Surface Preparation Solvents: TotalBoat Special Brushing Thinner 100, 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 Underdog.
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 2 coats of Underdog following the dry times/recoat times below.

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 Underdog 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 2 coats of Underdog following the dry times/recoat times below.

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 a thin coat of TotalBoat Underdog that is thinned 25% with TotalBoat Special Brushing Thinner 100 to penetrate and seal the wood.
- * Fill any open seams with seam compound and allow to dry overnight.
- * Apply 2 coats of Underdog following the dry times/recoat times below.

Previously Painted Surfaces:

- * Remove any previous paints in poor condition by sanding, scraping, or using a chemical paint stripper. Any old tin copolymer paints must be removed.
- * 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 coats of Underdog following the dry times/recoat times below.

APPLICATION:

1. Shake or stir well to ensure all solids are mixed properly. TotalBoat Underdog 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. Two coats of TotalBoat Underdog 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 keels, skegs, or rudders.
4. 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 Underdog coating is most effective when the boat is used periodically. Boats painted with Underdog 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: 2
Thinner/Reducer: TotalBoat Special Brushing Thinner 100 (Brush/Rolling), Xylene (Spray)
Film Thickness (per Coat): 1.5 mils dry (3.5 mils WFT)
Coverage (sq ft/gal): 500
Application Conditions: 40-90°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, Red
Size: 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: Single
Storage: Keep from freezing!
Cuprous Oxide: 23.70%
Solids %: 42% (by weight)
VOC (g/L): 475

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