



TRINIDAD

Technical Bulletin 71 - 9/19

Multi-Season Hard Antifouling Paint

- Fast-Dry Technology
- High copper load offers excellent performance in all conditions
- Excellent adhesion to fiberglass, wood and steel hulls
- Hard, durable, finish for long lasting performance



HD (Hull Defense 18 Month Limited Warranty)



1271 Blue (Gallon and 3 gallon pails)

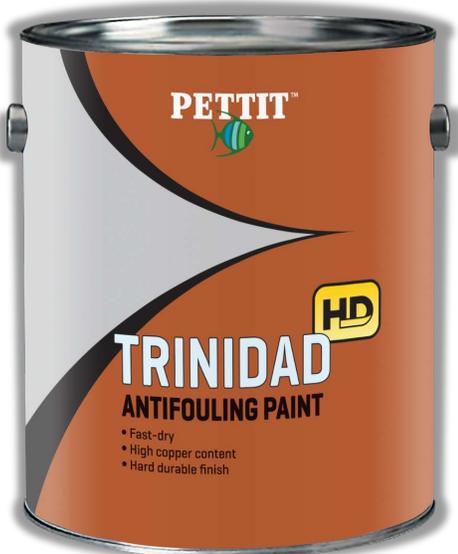


1671 Red (Gallon Only)



1871 Black (Gallon and 3 gallon pails)

Note: Color differences may occur between actual and color chips shown



Technical Information



Finish: Flat

Solids by Weight: 85 +/- 2%

Solids by Volume: 82 +/- 2%

Coverage: 450 ft²/gal.

VOC: 330 grams/liter (max)

Biocide: Cuprous Oxide...53.3%

Flash Point: 115°F (SETA)

Application Method: Brush, roller, airless or conventional spray

Maximum Roller Thickness: 1/4"

Number of Coats: 2

Wet Film Thickness: 3.4 mils

Dry Film Thickness: 2 mils

Application Temp: 40° F. Min. / 90°F. Max.

Thinner: 120VOC Thinner

Dry Time*: (hours)

	To Recoat	To Launch
90°F	1	2
70°F	2	4
50°F	12	24

*The above dry times are minimums. Trinidad HD Antifouling may be recoated after the minimum time shown and launched up to 60 days after painting.

Trinidad HD provides excellent, long lasting protection, even under the toughest antifouling conditions. Trinidad HD provides dependable in-water antifouling protection while meeting the 330 gram per liter VOC regulations. Trinidad HD does not require movement and works equally as well at the dock or underway. It's durable hard modified epoxy finish has excellent adhesion, and is highly abrasion resistant. A good choice for powerboat or sailboat use in tropical and other warm waters where extreme fouling exists. Trinidad HD is compatible over most hard antifouling finishes. Trinidad HD is backed up by the industry's strongest warranty. HD (Hull Defense 18 Month Limited Warranty) offers peace of mind to any boater in every harbor.

Trinidad HD

Application Systems

Trinidad HD is easily applied by brush, roller or spray. When rolling, use only a high-quality short nap (maximum 1/4" nap) roller cover. Over-application of this product will virtually assure inadequate coating performance. Mix paint thoroughly to ensure ingredients are evenly dispersed throughout the can. All surfaces must be clean, dry and properly prepared prior to painting.

Do not apply Trinidad HD on aluminum hulls or outdrives.

Previously Painted Surfaces: Trinidad HD may be applied over most aged hard antifouling coatings. Consult the Pettit Antifouling Compatibility Chart for specific recommendations. If the previous coating is in good condition, thoroughly sand with 80-grit sandpaper then solvent clean with 120VOC Thinner to remove residue. Apply two finish coats of Trinidad HD. If the previous coating is soft or in poor condition, remove to the bare surface by sanding or using paint remover. Proceed with appropriate bare system as described below.

Bare Fiberglass:

All bare fiberglass, regardless of age, should be thoroughly cleaned with Pettit 92 Bio-Blue Hull Surface Prep or de-waxed several times with Pettit D95 Dewaxer. Proceed with either Sanding Method or one of the Non-Sanding Methods below.

Sanding Method - After the surface has been de-waxed, sand thoroughly with 80-grit production paper to a dull, frosty finish and rewash the sanded surface with 120VOC Thinner to remove sanding residue. Then apply two coats of this product. Careful observation of application instructions will help ensure long-term adhesion of this and subsequent years' antifouling paint.

Non-Sanding Method - Thoroughly clean, de-wax, and etch the surface with Pettit 92 Bio-Blue Hull Surface Prep using a medium Scotch-Brite® pad. Thoroughly rinse all residue from the surface and let dry. Then apply one coat of Pettit Protect High Build Epoxy Primer (4700/4701 or 4100/4101). Consult the primer label for complete application and antifouling top-coating instructions. Apply two or three coats of Trinidad HD. See Pettit Protect User Manual for complete detailed instructions.

Trinidad HD is heavily loaded with cuprous oxide. As a result, there is a tendency for settling to occur, especially if the paint has been on the shelf for several months. It is necessary to thoroughly mix the paint before using. If possible, shake the can of paint on a mechanical paint shaker. Before using, check the sides and bottom of the can to make sure all the pigment has been mixed in. If mixing is going to be done with a wooden paddle or an electric drill mixer, pour off half of the liquid from the top of the can into another can and then properly mix in any settled pigment; then remix the two parts together thoroughly. Adhere to all application instructions, precautions, conditions, and limitations to obtain optimum performance. Refer to individual labels and tech sheets for detailed instructions when using associated products, etc. When spraying, do not thin Trinidad HD more than 5% (6 ounces per gallon) or inadequate paint film thickness will occur and premature erosion of the finish will be likely.

Surface Preparation: Coating performance, in general, is proportional to the degree of surface preparation. Follow all recommendations very carefully, avoiding any shortcuts. Inadequate preparation of surfaces will virtually assure inadequate coating performance.

Maintenance: No antifouling paint can be effective under all conditions of exposure. Man made pollution and natural occurrences can adversely affect antifouling paint performance. Extreme hot and cold water temperatures; silt, dirt, oil, brackish water and even electrolysis can ruin an antifouling paint. Therefore, we strongly suggest that the bottom of the boat be checked regularly to make sure it is clean and that no growth is occurring. The self-cleaning nature of the coating is most effective when the boat is used periodically. Boats and vessels 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 Information



Barrier Coat:

Fiberglass bottoms potentially can form osmotic blisters within the gelcoat and into the laminate. To render the bottom as water impermeable as possible, prepare the fiberglass surface as mentioned above (sanding method) then apply two or three coats of Pettit Protect High Build Epoxy Primer (4700/4701 or 4100/4101), per label directions. Apply two or three coats of Trinidad HD. See Pettit Protect User Manual for complete detailed instructions.

Blistered Fiberglass:

See Pettit Protect User Manual for complete detailed instructions.

Bare Wood:

Bare wooden hulls should be sanded thoroughly with 80-grit sandpaper and wiped clean of sanding residue using Pettit 120VOC Thinner. Apply a coat of Trinidad HD thinned 25% with Pettit 120VOC Thinner, allow an overnight dry, lightly sand and wipe clean. Apply two finish coats of Trinidad HD.

Bare Steel and Cast Iron*:

Remove loose rust and scale from the metal surface by sandblasting or wire brushing. Immediately clean the surface using a vacuum or fresh air blast. Apply two coats of Pettit 6980 Rustlok Steel Primer, allowing each to dry only one to two hours prior to over-coating. Follow by two coats of Pettit Protect High Build Epoxy Primer (4700/4701 or 4100/4101), per label directions. If fairing is required, apply Pettit 7050 EZ-Fair Epoxy Fairing Compound between the two coats of Pettit Protect High Build Epoxy Primer. Apply two or three finish coats of Trinidad HD. See Pettit Protect User Manual for complete detailed instructions.

Stainless Steel, Bronze, Lead, and Non-Aluminum Alloys*:

Abrade to clean bright metal by sanding with 60-80 grit sandpaper, sandblasting or wire brushing. Solvent clean surface. Apply 2 - 3 coats of Prop Coat Barnacle Barrier 1792 followed by 2 thin coats of Trinidad HD.

DO NOT USE THIS PRODUCT ON ALUMINUM HULLS AND OUTDRIVES.

*These are simplified systems. Pettit offers Technical Bulletins containing detailed instructions for most application systems. Please consult your Pettit Representative or the Pettit Technical Department for more complex, professional systems. Always read the labels or Product Data Sheets for all products specified herein before using.