Trinidad®

High Copper Hard Antifouling

TECHNICAL BULLETIN 120 1/10

- Trinidad has a proven track record of unparalleled performance.
- Designed for extreme fouling conditions with up to 75% cuprous oxide
- Hard, durable, finish for long lasting performance
- Left In the water, Trinidad provides classic, year-round service

Trinidad is, quite simply, the top-of-the-line in conventional antifouling paint. With a proven track record of dependable antifouling performance, Trinidad has earned its reputation as one of the most respected names in the industry. Trinidad harnesses the power of an extremely high load of cuprous oxide (up to 75%), to combat even the most extreme fouling conditions. Trinidad's durable, hard epoxy finish has excellent adhesion, and, when left in the water, will provide years of dependable service. The perfect choice for competitive racing or blue water cruising.

1275 Blue | 1375 Green | 1675 Red | 1875 Black

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

PHYSICAL DATA

VEHICLE TYPE: Modified Epoxy/Rosin
FINISH: Flat
COLORS:
1277 Blue 1377 Green
1677 Red 1877 Black
COMPONENTS: 1
CURING MECHANISM: Solvent Release
SOLIDS (theoretical):
By weight...86 +/- 2%
By volume...56 +/- 2%
COVERAGE: 400 sq. ft/gal.
VOC: 400 g/l max.
ACTIVE INGREDIENTS:
Red, Black....75.8%
Blue, Green.....65%

APPLICATION DATA

METHOD: Brush, roller, airless or conventional spray.
NUMBER OF COATS: 2
DRY FILM THICKNESS PER COAT: 2 mils (3.6 wet mils)
APPLICATION TEMP: 40° F. Min. / 90°F. Max.
DRY TIME* (HOURS):

	To Recoat	To Launch
90°F	2	8
70°F	4	16
40°F	6	24

*The above dry times are minimums. Trinidad Antifouling may be recoated after the minimum time shown and launched up to 60 days after painting.
THINNER:
120 Brushing Thinner
121 Spray Thinner

ASSOCIATED PRODUCTS

120 Brushing Thinner
121 Spray Thinner
92 Bio-Blue Hull Surface Prep
95 Fiberglass Dewaxer
6998 Skip-Sand Primer
6999 Sandless Primer
4100/4101 Vivid Epoxy Primer
4700/4701 High Build Epoxy Primer
6455/044 Metal Primer
6627 Tie-Coat Primer
6980 Rustlok Steel Primer

PETTIT

Trinidad®

High Copper, Dual Biocide Hard Antifouling

Trinidad is heavily loaded with cuprous oxide. As a result of this 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. Do not thin Trinidad 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 recommendations carefully, avoiding 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. Lightly scrub the bottom with a soft brush to remove anything from the antifouling paint surface. Scrubbing is particularly important with boats that are idle for extended periods of time. The coating is most effective when the boat is used periodically.

SYSTEMS

Mix paint thoroughly to ensure toxicants are evenly dispersed throughout the can. All surfaces must be clean, dry and properly prepared prior to painting. ***Do not apply Trinidad on aluminum.***

Previously Painted Surfaces: If the previous coating is in good condition, thoroughly sand with 80 grit paper then solvent clean with 120 Brushing Thinner to remove residue. Apply two finish coats of Trinidad. If the previous coating is soft or in poor condition, remove to the bare surface by sanding or using Pettit 9051 Bio Blast Paint Remover. Proceed with appropriate bare system as described below. Old tin copolymers should be removed or sealed with Pettit 6627 Tie Coat Primer before applying Trinidad Antifouling.

Bare Fiberglass: All bare fiberglass, regardless of age, should be thoroughly cleaned with 92 Bio-Blue Hull Surface Prep or de-waxed several times with Pettit D-95 Dewaxer. Sand thoroughly with 80 grit sandpaper to a dull, frosty finish and rewash the sanded surface with 120 Brushing Thinner to remove sanding residue. Then apply two or three coats of Trinidad, following application instructions. Careful observation of the above instructions will help ensure long term adhesion of this and subsequent years' antifouling paint.

To eliminate the sanding operation, two methods are available:

1. Prep the surface with 92 Bio-Blue Hull Surface Prep or wash the fiberglass three times using Pettit 95 Dewaxer. Then apply one thin coat of Pettit 6998 Skip-Sand Primer or 6999 Sandless Primer. Use a 3/16" or less nap when applying by roller. Consult the primer label for complete application and antifouling top coating instructions. Apply two or three coats of Trinidad.
2. Clean, de-wax and etch the surface with 92 Bio-Blue Hull Surface Prep using a course Scotch-Brite pad in a swirling motion. Then apply one coat of Pettit 4700/4701 High Build Epoxy Primer. Consult the primer label for complete application and antifouling top coating instructions. Apply two or three coats of Trinidad.

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 three coats of Pettit Protect 4700/4701 High Build Epoxy Primer or three coats of Vivid Epoxy Primer 4100/4101 per label directions. Apply two or three finish coats of Trinidad.

Blistered Fiberglass: See Pettit Technical Bulletin TB-1000 Gelcoat Blister Repair and Prevention Specification for detailed instructions.

Bare Wood: Sand entire surface with 80 grit paper; wash clean with 120 Brushing Thinner. Apply a coat of Trinidad thinned 25% with 120 Brushing Thinner, allow an overnight dry, lightly sand and wipe clean. Apply two finish coats of Trinidad.

Bare Steel*: Sandblast or disc sand to a clean, bright finish remove residue. Then either immediately apply two coats of 6980 Rustlok Steel Primer, allowing each to dry only 1-2 hours prior to over coating - OR - immediately apply one thin coat of 6455 Metal Primer and allow to dry two hours; follow with two coats of 6627 Tie Coat Primer, allowing each to dry two hours minimum. Apply two finish coats of Trinidad.

Keels - Lead: Abrade surface to bright metal; clean off residue. Apply one thin coat of 6455/044 Metal Primer; allow to dry two hours. Apply one coat of Pettit 6627 Tie Coat Primer then, if fairing is required, apply Pettit Protect 7000/7001 Epoxy Fairing Compound. Follow with an additional coat of 6627 Tie Coat Primer per label directions. Apply two finish coats of Trinidad.

Keels - Steel or Cast Iron: Abrade surface to bright metal; clean off residue. Apply one coat of 6980 Rustlok Steel Primer, allowing to dry only 1 - 2 hours prior to over coating. Then, if fairing is required, apply 7000/7001 Epoxy Fairing Compound followed by one coat of Pettit 6627 Tie Coat Primer, finish with two finish coats of Trinidad.

*This is a simplified system for smaller areas designed for good performance and easy application by the boatyard professional or do-it-yourselfer. For larger vessels or for applications where a high performance, professional system is desired, please consult your local Pettit representative or the Pettit Technical Department.