

## UNDERWATER METAL SYSTEMS - TB112

Below details Pettit's systems for use on underwater metals. As with all paint systems, the quality of the product's adhesion depends on the surface it is applied to. Make sure all surfaces are clean and properly prepped, as per the directions on the product's label.

All previous surfaces should be in good condition to achieve proper adhesion.

*Further information can be found on our Product Data Sheets.*

### Keels - Lead:

1. Abrade to clean, bright metal by sandblasting or sanding with 60-grit sandpaper and remove residue.  
Important note: Ensure 3-4 mil anchor profile is achieved.
2. Apply one coat of 4700/4701 Pettit Protect High Build Epoxy Primer thinned 20%.
3. Fair with 7050 EZ-Fair if required.
4. Apply two coats of either Pettit Protect Fast Dry or Pettit Protect High Build Epoxy Primer.
5. Apply two coats of Trinidad® XSR, Odyssey® Triton, Vivid®, Hydrocoat® Eco, or ECO HRT®.

### Keels - Lead:

1. Abrade to clean, bright metal by sandblasting or sanding with 60-grit sandpaper and remove residue.  
Important note: Ensure 3-4 mil anchor profile is achieved.
2. Apply one coat of 6980 Rustlok. Allow to dry only 1/2 - 2 hours prior to overcoating.
3. Apply three coats of Pettit Protect Fast Dry or Pettit Protect High Build Epoxy Primer.
4. Fair with 7050 EZ-Fair if required.
5. Apply two coats of Trinidad® XSR, Odyssey® Triton, Vivid®, Hydrocoat® Eco, or ECO HRT®.

### Outdrives - Bare Metal:

1. Abrade to clean, bright metal by sandblasting or sanding with 60-grit sandpaper then solvent clean with 120 Brushing Thinner to remove residue. Ensure 3-4 mil anchor profile is achieved.
2. Apply two coats of 4400/4401 Aluma-Protect Aluminum Epoxy Primer.
3. Apply two coats of Pettit Protect Fast Dry or Pettit Protect High Build Epoxy Primer.
4. Apply two coats of Trinidad® XSR, Odyssey® Triton, Vivid®, Hydrocoat® Eco, or ECO HRT®.

### Outdrives – Previously Painted:

1. If the previous coating is in good condition, thoroughly sand with 80-grit sandpaper then solvent clean with 120 Brushing Thinner to remove residue.
2. Apply one coat of 6627 Tie-Coat Primer and allow to dry four hours.
3. Apply two coats of Trinidad® XSR, Odyssey® Triton, Vivid®, Hydrocoat® Eco, or ECO HRT®.

*\*If the previous coating is soft or in poor condition, remove to the bare surface by sanding or using a paint & varnish remover. Proceed with appropriate bare system as described below.*

### Stainless Steel and Bronze – Bare:

Single Season Application:	Multi-Season Application:
1. Abrade surface with 60-80 grit sandpaper.	1. Abrade surface with 60-80 grit sandpaper.
2. Apply 2 – 3 coats of Prop Coat Barnacle Barrier.	2. Apply 2 – 3 coats of Prop Coat Barnacle Barrier.
	3. Apply 2 coats of Pettit multi-seasonal antifouling paint.

### Aluminum Hulls – Bare Hull:

1. Degrease/ Dewax aluminum hull by scrubbing with EZ Prep (formerly Bio-Blue) and 3M® ScotchBrite® pads or use 95 Dewaxer.
2. Sandblast, or sand the surface with 60-grit sandpaper, ensure 3-4 mil anchor profile is achieved. Remove media residue.
3. Apply two coats of 4400/4401 Aluma-Protect Aluminum Epoxy Primer.
4. Apply two coats of Pettit Protect Fast Dry or Pettit Protect High Build Epoxy Primer.
5. Apply two coats of Trinidad® XSR, Odyssey® Triton, Vivid®, Hydrocoat® Eco, or ECO HRT®.

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