

UNDERWATER METAL SYSTEMS

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 in order 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 to remove residue. *Ensure 75µm to 100µm anchor profile is achieved.
2. Apply one coat of Pettit Protect High Build Epoxy Primer thinned 20%.
3. Fair with EZ Fair if required.
4. Apply two coats of Pettit Protect High Build Epoxy Primer.
5. Apply two coats of Hydrocoat® Eco, Vivid®, Odyssey® Triton or Trinidad® XSR.

Keels (Steel or Cast Iron):

1. Abrade to clean, bright metal by sandblasting or sanding with 60-grit sandpaper and remove residue. Ensure 75µm to 100µm anchor profile is achieved.
2. Apply one coat of Rustlok. Allow to dry only ½ to 2 hours prior to overcoating.
3. Apply three coats of Pettit Protect High Build Epoxy Primer.
4. Fair with EZ Fair if required.
5. Apply two coats of Hydrocoat® Eco, Vivid®, Odyssey®, Triton or Trinidad® XSR.

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 75µm to 100µm anchor profile is achieved.
2. Apply two coats of Aluma-Protect Aluminium Epoxy Primer.
3. Apply two coats of Pettit Protect High Build Epoxy Primer.
4. Apply two coats of Hydrocoat® Eco, Vivid®, Odyssey® Triton or Trinidad® XSR.

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 Tie Coat Primer and allow to dry for four hours.
3. Apply two coats of Hydrocoat® Eco, Vivid®, Odyssey® Triton or Trinidad® XSR.

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

Aluminium Hulls:

1. Degrease / dewax aluminium hull by scrubbing with Bio-Blue and Scotch-Brite pads.
2. Sandblast, or sand the surface with 60-grit sandpaper, ensure 75µm to 100µm anchor profile is achieved. Remove media residue.
3. Apply two coats of Aluma-Protect Aluminium Epoxy Primer.
4. Apply two coats of Pettit Protect High Build Epoxy Primer.
5. Apply two coats of Hydrocoat® Eco, Vivid®, Odyssey® Triton or Trinidad® XSR.

Stainless Steel and Bronze:

Single Season Application:

Abrade surface with 60 to 80-grit sandpaper. Apply 2 to 3 coats of Prop Coat Barnacle Barrier.

Multi-Season Application:

Abrade surface with 60 to 80-grit sandpaper. Apply 2 to 3 coats of Prop Coat Barnacle Barrier. Apply 2 coats of Pettit Antifouling Paint.