

Underwater Metal Systems

There are several systems available for underwater metals. The chart below details Pettit’s systems for use on underwater metals including aluminum outdrives, stainless steel and bronze propellers, shafts, struts, strainers, etc. and aluminum hulls, including pontoon boats. Other systems are available for underwater metals such as cast iron, steel and lead, consult our Product Data Sheets for more information. Detailed product information can be found at www.pettitpaint.com or by calling (800) 221-4466.

Our Prop-Koat® System is a high performance foul release coating for use on all underwater metal parts including stainless steel, bronze, and aluminum. It can be used in place of any of the systems below.

Our better and best conventional systems utilize primers to separate the antifouling paint film from the underwater metals. These systems are specifically designed for the painting of underwater aluminum and metal running gear.

Between the systems listed below and the products found on the following page Pettit Paint has a solution for all underwater metal running gear, including steel, stainless or galvanized steel, bronze, and aluminum.

As with all paint systems, the quality of the products 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.

	Good System	Better System	Best System
Outdrives (Bare Metal)	Metal Primer 6455/044* (1 coat) Spray Alumaspray + (Apply 1 aerosol can per unit)	Metal Primer 6455/044* (1 coat) Tie-Coat Primer (1 coat) Alumacoat SR (2 coats)	Metal Primer 6455/044* (1 coat) Tie-Coat Primer (1 coat) Vivid Antifouling (2 coats)
Outdrives (Previously Painted)	Scuff Surface Spray Alumaspray + (Apply 1 aerosol can per unit)	Scuff Surface Tie-Coat Primer (1 coat) Alumacoat SR (1 coat)	Scuff Surface Tie-Coat Primer (1 coat) Vivid Antifouling (2 coats)
Stainless Steel & Bronze	Sandblast or Abrade Surface Spray Zinc Coat Barnacle Barrier (3-4 Coats)	Metal Primer 6455/044* (1 coat) Tie-Coat Primer (1 coat) Vivid Antifouling (2 coats)	Sandblast or Abrade Surface Metal Primer 6455/044* (1 coat) 4700/4701 Pettit Protect (2 coats) Vivid Antifouling (2 coats)
Aluminum Hulls	Metal Primer 6455/044* (1 coat) Alumacoat SR (2 coats) (Smooth non-abraded surfaces only)	Metal Primer 6455/044* (1 coat) Tie-Coat Primer (1 or 2 coats) Alumacoat SR or Vivid (2 coats)	Sandblast or Abrade Surface 4400/4401Aluma Protect (2 coats) 4700/4701 Pettit Protect (2 coats) Vivid Antifouling (2 coats)

If paints containing TBT were previously used, Tie-Coat primer must be applied before Alumaspray +, Alumacoat SR, or Vivid

* If metal substrate temperature is below 60 degrees Fahrenheit, allow overnight dry before proceeding to next step



Simply better.

Underwater Metal Products

Metal Primer 6455/044



A two component product which is a self-etching type wash primer for use only on bare metals such as steel, stainless steel, cast iron, copper, bronze, galvanized steel, lead and aluminum. It forms an excellent adhesive bond to metal hulls, keels, centerboards, and other underwater running gear. Can be used above or below the waterline. Can be over coated with either epoxy primer, topside enamels, or antifouling paint.

Prop-Koat 6005/6006



A clear, very flexible, tough finish that will maintain outstanding adhesion to all underwater metals, gelcoated fiberglass surfaces and all types of inflatables even after multiple cycles of inflating and deflating. Both hard and soft fouling can be easily removed by wiping with a sponge or cloth. The clear, glossy finish resists sun, salt and water. Apply 1 coat of primer and 2 coats of topcoat.

Vivid Antifouling Paint



Now you can have the brightest colors, the blackest black, and the whitest white you have ever seen in bottom paint. Provides excellent multi-season, dual biocide antifouling under all conditions. New Hybrid Technology reduces build up yet provides a hard, slick surface. No loss of protection when exposed to air. Perfect choice for any boat. Apply in thin coats (5 mil max) using 3/16" nap roller or spray.

Alumacoat SR



A metal-free antifouling paint specifically developed for aluminum hulls, underwater metals, and outdrives. It is effective in all fouling environments and is non-corrosive to metal substrates. Controlled erosion minimizes coating buildup. Slime resistant and TBT and copper free. May be hauled and re-launched without recoating. Available in clean, bright colors. This product is not restricted in its use.

Alumaspray Plus



Aerosol antifouling paint specifically designed for use on aluminum outdrives and outboard motors without a barrier coat. Contains no copper compounds and will not cause galvanic corrosion. Cleans itself by washing away at a controlled rate when in contact with water. Advanced formula offers superior slime resistance. May be hauled and re-launched without recoating. Shake can 2-3 minutes before using.

Tie-Coat Primer 6627



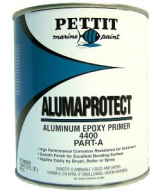
A general purpose product used as a primer on metal surfaces and as a tie coat between different types of coatings. This versatile product can be used successfully above and below the waterline as a primer and over a variety of coatings as a tie coat. It is compatible with all antifouling bottom paints and all types of topside finishes. Perfect for use as a metal protector or when changing to a different antifouling paint.

Underwater Metal Kit 6456



This kit is specifically designed for the painting of underwater metal running gear. The system is suitable for use on all underwater metal running gear, including steel, stainless or galvanized steel, bronze, and aluminum. The kit includes easy to use containers of both the Metal Primer 6455/044 and Tie-Coat Primer 6627 pictured above. Its convenient size makes it easy to use and sell.

Aluma-Protect 4400/4401



Aluma-Protect is an epoxy primer specifically formulated for use on sand-blasted aluminum where maximum corrosion resistance to fresh and salt water is required. Coating is resistant to water, as well as, many chemical fumes and very humid environments. Pettit Protect High Build Epoxy 4700/4701 is usually used over the Aluma Protect for bare aluminum, pontoon hulls, and outdrives.

Pettit-Protect 4700/4701



A heavy duty, two component epoxy primer. Excellent for the prevention and repair of osmotic blisters. Equally effective for the corrosion protection of underwater metals. High build formula provides easier application requiring only 3 coats for full protection. Use **Vivid Epoxy Primer 4100/4101** under light colored Vivid paints. Can be over coated with either epoxy primer, topside enamels, or antifouling paint.

Zinc Coat Barnacle Barrier 1793



Easy to use aerosol spray protection for bare metals such as steel, stainless steel, cast iron, copper, bronze, galvanized steel and lead. Forms an excellent bond to underwater metals and running gear and inhibits corrosion on these surfaces. Because of its smooth, hard surface it will self-clean in service. Can be used above or below the waterline. Do not apply anti-fouling paint over Zinc Coat Barnacle Barrier. Shake can 2-3 minutes before using.