

3 EASY STEPS TO ANTIFOULING PROTECTION

PRODUCT SELECTION 30-35
Pick the best antifouling for your boat

HANDY SPECIFICATIONS 36-44
Step-by-step guide to your project from our technical team

HOW TO PAINT LIKE A PROFESSIONAL 40
Instructions for an expert result explained by our professionals

OUR MOST FREQUENTLY ASKED ANTIFOULING QUESTION:

“How do I know that the product I want to apply is compatible with my old antifouling?”

‘Applying your desired Interlux® antifouling has never been easier. Compatibility is an issue most boaters worry about, but there are three easy choices to solve this problem.

1. Check for compatibility with old antifouling. *If the product is known use the Interlux® compatibility chart on page 33.*

2. Use Primocon as a tie coat primer over the old paint. *If the old antifouling is unknown you can apply Primocon primer directly. Then simply overcoat with the Interlux® Antifouling of choice (do not use this system with VC®17m Extra, VC®17m, VC® Offshore or Baltoplate)*

3. Remove the old antifouling. *If the old antifouling is in poor condition you may prefer to remove the old paint and start with a fresh surface. Use a chemical stripper like Interlux® Interstrip 299E. Interstrip can remove several coats of most antifouling paints in one application. After stripping you are ready to prime and paint’.*

DOES THE AMOUNT OF COPPER IN AN ANTIFOULING PAINT AFFECT THE PERFORMANCE?

The level of copper is not the only determining factor of how an antifouling paint will perform. The resin-binder system, the material that holds the paint together, is equally important. Not only does the resin-binder system hold the paint together, it is the mechanism that determines how fast the copper and other biocide will be released. The resin-binder system must be carefully tailored for the amount and type of copper and other biocides used to obtain maximum efficiency. The amount of copper or other biocide may affect the life of an antifouling paint but the sophistication of the resin-binder system to hold and release copper or other biocide at the proper rate is far more important to the effectiveness of the anti-fouling.

Micron Technology antifouling will release biocide at nearly constant rate throughout its life. For this reason they are highly efficient and are less dependent on large amounts of copper and other biocides to deliver the best possible performance. The use of boosting biocides in combination with Biolux® Technology keeps the bottom clear of slime and makes the copper more effective.

How antifouling paints work



DIFFERENT TYPES OF ANTIFOULING PAINTS

MICRON® TECHNOLOGY

Paints that use Micron Technology provide the longest lasting protection from fouling. The biocides are chemically bound to the paint film and are only active when in the water. This allows them to be hauled and relaunched without repainting. The paint film polishes away like a bar of soap at a controlled rate reducing paint build-up and eliminating the need for sanding. This controlled polishing of Micron allows for a more efficient use of copper over a longer period of time, so less copper is needed than in old fashioned hard high copper paints. Micron paints also polish to a smoother surface than hard antifouling which reduces drag and maximizes fuel savings. The longevity of these coatings is related to the thickness of the paint.

HARD ANTIFOULINGS

The technical term for these types of antifouling paints is ‘contact leaching’. The paint dries to a porous film that is packed with biocides, which leach out on contact with water to prevent fouling growth. Once the biocide is exhausted, the hard paint film remains on the boat. Hard antifouling does not retain their antifouling ability out of the water and cannot be hauled and relaunched without repainting. The main benefit of hard antifouling paints is their predictable antifouling performance in all waters. They provide a hard scrubbable and abrasion resistant finish.

BOTTOM PAINTS WITH TEFLON®

DuPont™ Teflon® is an extraordinary and versatile technology EXCLUSIVELY available in yacht coatings through Interlux®. Teflon® has a coefficient of friction lower than ice, making it the most slippery material in existence. By featuring Teflon® in our antifouling products you get the benefit of smooth, low-friction surfaces that minimize drag and extremely hard coatings that resist damage and are exceptionally easy to clean. They are also easy to burnish to produce the smoothest, fastest antifouling surface.

Products with Teflon are VC® Offshore with Teflon®, VC®17m Extra, VC®17m, VC® Performance Epoxy and VC® Eco.

SPECIALTY ANTIFOULINGS

Bright colors and Aluminum – For boaters that want bright clean colors there is Trilux® 33®. Trilux 33 is ideal for use on aluminum and can also provide excellent antifouling protection on fiberglass, wood or steel. Trilux 33 uses Biolux Technology to control slime and has 2 biocides that work together to provide increased performance.

Outdrives – Trilux Prop & Drive is an aerosol antifouling developed specifically for use on lower units of outdrives and outboards.

Hard Racing – Maximum Speed – Baltoplate is a hard vinyl antifouling designed for the serious racers and has a long heritage of use by winning sailors.

Traditional – Work Boat – Bottomkote® is a traditional soft sloughing antifouling that provides good antifouling protection for most areas.

Biocide Free – VC® Performance Epoxy and VC® Eco* are Teflon®-containing coatings that can be used on boats that are permanently moored in the water but do not require antifouling protection. VC Performance Epoxy dries to a hard finish that is ideal for wet sanding and burnishing. The hard scuff resistant surface makes it the ideal coating for boats stored on racks and lifts as well as trailered boats.

* VC Eco is only available in Canada

What goes into an Interlux® antifouling paint?

It takes approximately five years to fully research an antifouling before its launch into the market. Much of this time is spent testing the product outside the laboratory, in the actual environment in which boats are used.

An antifouling paint is a combination of four basic ingredients:

BIOCIDE – the active compounds that repel fouling. The most common types are copper compounds such as cuprous oxide or metal copper, and now organic booster technology such as Biolux®.

RESIN – Holds the product together and forms the coating film and controls the release of the copper or other biocide. This dictates the type of anti-fouling performance achieved.

SOLVENT – Dictates the application on characteristics, flow and drying speed.

PIGMENT – Provides the color and thickness of the antifouling.

Biolux®
Blocks Slime

BIOLUX® THE NEW BIOLOGY OF ANTIFOULING

What is Biolux® – Biolux® is a unique antifouling technology developed by Interlux® that incorporates organic boosting biocides into a special biocide release system. This blocks slime growth for a fouling free boat bottom.

How does it work? – Just like ordinary plants, slime and algae feed on sunlight. Formulations that use Biolux® technology prevent algae and slime from being able to grow by acting like sunscreen to block this process.

WHY HAVE TEFLON® IN OUR PRODUCTS?

As a boat owner you naturally want the best quality products that you know will perform better than others, and give you the maximum long term value for money.

Teflon® is an extraordinary and versatile technology EXCLUSIVELY available in coatings from Interlux. Teflon® has a coefficient of friction lower than ice, making it the most slippery material in existence. Its non-wetting properties have seen it used extensively in water-repellent fabrics such as Gore-Tex®, and in coatings for easy cleaning surfaces. NASA uses Teflon® extensively in the design of heat shields and space suits because of its excellent heat resistance.

By featuring Teflon® in our antifouling products you get the benefit of smooth, low-friction surfaces that minimize drag and extremely hard coatings that resist damage and are exceptionally easy to clean. Products with Teflon are VC® Offshore with Teflon®, VC®17m Extra, VC®17m and VC® Performance Epoxy.

Teflon® is a registered trademark of E.I. du Pont de Nemours and Company used under license by International Paint LLC



To make the right choice of antifouling for your boat select among the following: hard scrubbable finish, or long life multi-season copolymer, or an abrasive finish that washes away minimizing build-up. Refer to pages 34-35 to make your selection.

