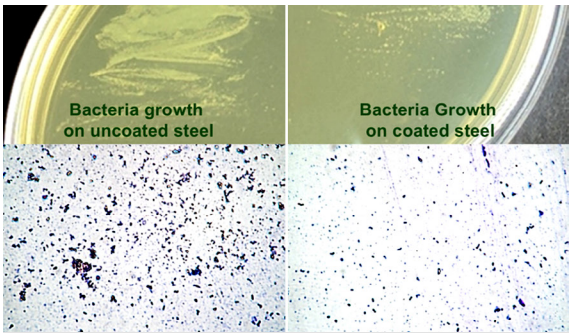

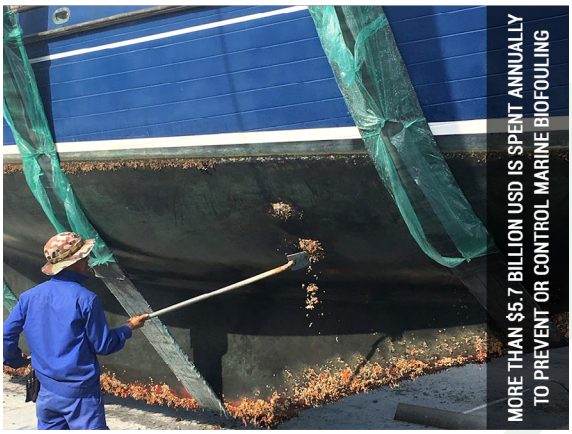

REVOLUTIONARY FOUL-RELEASE BOTTOM COATING

Drag created by fouling, corrosion from marine environments, and fuel inefficiency from biomass are problems for all boat operators – from dinghies to tankers. For boat operators, the primary cost of fouling is increased fuel consumption when fouling drag creates poor hydrodynamics. The cost of hauling a vessel out of water to clean its hull or replace corroded metals can be staggering.

FoulX™ was developed to outperform any current salt- and freshwater fouling solutions including paints, epoxies, biocides and multi-formula systems. The simple two-part polymer of FoulX™ can be applied with minimal surface preparation and will adhere strongly, increasing the time between cleanings & haul-outs for all kinds of vessels.

FoulX™ is a water-based nanocomposite that is non-VOC and non-toxic. The bottom coating prevents both corrosion and erosion of a boat's surface substrates. The omniphobic properties repel water as well as oil-slicks, protecting boats and saving boat owners money.

Why FoulX™?

FoulX™ creates a slick surface that prevents microorganisms from adhering, resulting in very low-friction. Many repellants exist, but are typically epoxies or paints with complicated, multi-formula processes, high VOC content, and long application times which makes them inconvenient to use. FoulX™ is a single two-part polymer that is mixed and then brush or roller painted, or sprayed on. FoulX™ has an extremely long pot life compared to other polymers, yet cures in ambient temperatures in under one hour. The simplicity and user-friendliness of FoulX™ places it in a class of its own. FoulX™ makes cleaning hull surfaces as easy as a water power-spray.

Key Characteristics:

- FoulX™ creates a low-friction surface and imparts erosion & corrosion resistance when applied in extremely thin coats (<4 mil)
- FoulX™ is omniphobic, repelling water- and oil-based solutions
- Non-biocidal, non-VOC formula is ecologically-friendly; FoulX™ releases fouling from the ultra-slick surface
- Strong adhesion and abrasion resistance increases time between maintenance haul-outs
- Long-lasting chemical resistance in both fresh and saltwater conditions
- Can increase fuel efficiency significantly, saving money
- Cures rapidly at ambient temperatures, yet has a long pot-life after mixing, before application

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COMPETITOR COMPARISON MATRIX

Brand	Producer	Mode of Action	Heavy Metal-Free?	# of Formula Steps	Thickness	Biocide-Free?	VOC Content	Recoat Cure Time
FoulX™	**Oceanit**	**Water-based nanocomposite**	**Yes**	**1 - FoulX Bottom Coating**	**2-4 mils Dry Film Thickness (DFT)**	**Yes**	**None**	**1 hour**
Hempaguard	Hempel	Silicone and copper	No	3 - HEMPSIL base tiecoat, Hempaguard, subsequent topcoat required	Basecoats plus 6 mils	No	259 g/liter	7 days
PropSpeed	Oceanmax	Silicone and solvents (incl. xylene)	Yes	4 - Denatured alcohol clean, etching primer, primer hardener, PropSpeed topcoat	Basecoats plus 3+ mils	Yes	Contains VOCs, unknown amount	8 hours
Interlux ACT	AkzoNobel	Ablative, copper-zinc-titanium	No	2 - Primer, Interlux	Primer plus 2 mils	No	370 g/liter	12 hours
Interlux Micron CSC	AkzoNobel	Ablative, copper-zinc-titanium	No	2 - Primer, Interlux	Primer plus 2 mils	No	370 g/liter	16 hours
Biocop	Sea Hawk	Ablative, cupric-oxides, zinc	No	3 - Base primer, tuff stuff bond primer, Biocop	Basecoats plus 6+ mils	No	370 g/liter	12 hours
SeaLion Repulse	Jotun	Elastomeric silicone and solvents (incl. xylene)	Yes	1 - SeaLion Repulse	6 mils	Yes	280 g/liter	20 hours

FoulX
NAUTICAL PERFORMANCE & PROTECTION

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