

TBT-BASED PAINT (NON U.S.)
Self Cleaning Copolymer Antifoulant

- The Highest Level of Protection Available
- Multi-Season Protection for the Harshesht Environments in the World
- No Other Comparable Paint on the Market



Tin-Based Antifouling
1000H Series



**OVER
40
YEARS**

PRODUCT DESCRIPTION

Islands 44 Plus HARDER was developed for the harshest tropical environments in the world. Islands 44 Plus HARDER is a multi-seasonal self-polishing paint. It has a high load of copper and tin that will ensure maximum protection against marine growth.

This product may not be sold or applied in the United States. Please check with your respective Country for regulatory requirements regarding sale and use of the product.



PRODUCT INFORMATION

Colors: Black 1005H, Blue 1002H, Green 1234H, Teal 1235H, Red 1001H, Dark Blue 1030H

Finish/Sheen: Gloss

Converter: One Pack

Copper Content: 34.59%

Tributyltin Methacrylate: 10.53%

Tributyltin Oxide: .45%

Volume Solids: 69% ± 2%

Mix Ratio: One Pack

Shipping Weight: 14.5 lbs. (6.57 kg)/gallon

Flash Point: 80° F (27° C)

VOC: 400 Grams/Liter

Film Thickness: 5 mils (127 μ) wet equals 3.45 mils (87.63 μ) dry per coat

Recommended Coats: 2 heavy coats on entire hull and a 3rd at waterline and other high wear areas

Theoretical Coverage: 400 sq.ft. (37.16 m²)/gal. @ recommended film thickness

FEATURES & BENEFITS

- Self-cleaning copolymer with high load of tin (TBT) and copper
- The only tin (TBT) paint available on the market
- Highest level of antifoulant protection available
- Highest quality grade of cuprous oxide available (more potent active ingredient)

APPLICATION DETAILS

Method: Brush, roller or spray

Induction/Sweat-in Time: Not applicable

Thinner: Sea Hawk 2031



ISLANDS 44 PLUS HARDER™

Technical Data Sheet

Cleaner: Sea Hawk 2031

Pot Life: Not applicable

Overcoating Intervals:

Substrate Temp.	Touch Dry	Overcoating Time		Launch
Temp F° (C°)	Min	Min	Max	Min
73° F (23° C)	3 hrs	1 hr	N/A	12 hrs
95° F (35° C)	1 hr	1 hr	N/A	12 hrs

Consult your Sea Hawk Representative for the system best suited for surfaces to be protected.

SURFACE PREPARATION

Paint only clean, dry surfaces. Remove all grease, oil, wax, or other foreign material by solvent or detergent washing. (SSPC-SPI)

Compatibility: For pleasure craft applications, please refer to our [Sea Hawk Compatibility Chart](#) to ensure compatibility when applying Islands 44 Plus HARDER antifouling paint over existing bottom paint.

Previously Painted Surfaces: Islands 44 Plus HARDER is suitable for application over previous painted surfaces per compatibility check. For correct procedures please refer to the [Application Guidelines for Fiberglass/Gelcoat](#).

Fiberglass or Vinyl Ester Hulls: Suitable for this substrate. For correct procedures please refer to the [Application Guidelines for Fiberglass/Gelcoat](#).

Wood Surfaces: New Work - Sand the wood surface with 80 grit sandpaper, remove the sanding dust with Sea Hawk S-90 Cleaner, allow to dry and apply the first coat of Islands 44 Plus HARDER bottom paint. Reduce the first coat (only) 20% with Sea Hawk 2033 Thinner to maximize surface penetration. Next, apply whatever seam compound if needed, allow to dry in accordance with the product label and apply two more coats of MISSION BAY without any Thinner reduction.

Aluminum: Islands 44 Plus HARDER antifouling paint may be used on an aluminum hull only when used with the proper barrier coat system described in [Technical Bulletin AL1284](#). Islands 44 Plus HARDER is not to be used on bare aluminum..

Steel Vessels: Islands 44 Plus HARDER antifouling paint is normally used as part of a paint system for underwater hull areas on steel vessels. Nominally, Islands 44 Plus HARDER is applied over a properly cleaned existing surface of another antifouling paint or sealer. The surface must be clean and dry prior to application, free of all surface contamination. We highly recommend the hull bottom be high pressure water washed immediately upon haul out with 2,500-3,000 psi clean fresh water. Some areas may need to be cleaned in accordance with SSPC-SP-1 Solvent Cleaning to ensure all oils, grease, and other contaminants are removed. Please refer to additional data below and the section on recommended systems for steel below.

Additional Data For Painting Steel Hulls: If the surface to be painted is also to be repaired with an epoxy primer system, we recommend the area first be grit blasted to SSPC-SP-10 'near white metal', cleaned free of dust and blast media and primed in accordance with the primer system specifications. Please refer to the specified primer data sheet for application details. Make sure the first coat is applied within the proper over coating window of the last coat of epoxy primer which is normally while the epoxy is still tacky but cannot be removed with the thumb. Apply at least two coats of antifoulant for best performance.

LIMITATIONS

Islands 44 Plus HARDER can be applied over any other bottom paint. ADDITIONAL NOTE: if the previous antifoulant is a soft abrasive, light sand and apply Islands 44 Plus HARDER.

Apply in good weather when air and surface temperatures are above 50° F (10° C). Surface temperature must be a least 5° F (1° C) above dew point. For optimum application properties, bring material to 70-80° F (21-27° C) temperature range prior to mixing and application. Unmixed material (in closed containers) should be maintained in protected storage between 40° and 100° F (4-38° C). Prolonged atmospheric exposure of this product may detract from performance. Technical and application data herein is for the purpose of establishing a general guideline of the coating and proper coating



ISLANDS 44 PLUS HARDER™

Technical Data Sheet

application procedures. As application, environmental and design factors can vary significantly due care should be exercised in the selection, verification of performance, and use of the coating.

APPLICATION DATA

Mixing: Islands 44 Plus Harder antifouling paint contains a moderate concentration of copper oxide and may have settled in transit. Product must be thoroughly mixed with power mixer/shaker until uniform.

Induction Time: Not Applicable

Thinning: If necessary, maximum 10% Sea Hawk 2031 Reducer.

Cleaning: Sea Hawk 2031

Pot Life: Not Applicable

Brush/Rolling: Solvent Resistant Roller Cover 3/8" (9.5 mm) pile (nap), smooth to medium. Prewash roller cover to remove loose fibers prior to use.

Airless Spray: Minimum 33:1-2 GPM ratio pump; 0.017"-0.026" (0.43-0.66 mm) orifice tip; 3/8" (9.5 mm) ID high-pressure material hose; 90 PSI (620.5 kPa) line pressure; 60 mesh filter.

Conventional Spray: Please contact your Sea Hawk representative for more specific information.

Safety: Prior to use, obtain and consult the "Safety Data Sheet" of this product for health and safety information. Read and observe all precautionary notices on container labels.