

Environmentally-Friendlier Antifouling

- No Bioaccumulation in Environment
- Slick Film Increases Speed When Launched
- Compatible with Most Antifoulants
- Metal-Free Bottom Paint



Metal-Free Advanced Technology 4700 Series



OVER
40
YEARS

PRODUCT DESCRIPTION

Smart Solution is the next generation in antifouling technology and is engineered to be the most effective environmentally friendly antifouling paint available. Smart Solution provides equivalent performance to traditional antifoulants, but utilizes completely METAL-FREE biocides resulting in no bioaccumulation in the environment. The coating's reaction to salt water creates a slick film that encapsulates the hull, providing enhanced speed and premium performance against growth.



PRODUCT INFORMATION

Colors: Black 4705, Bright Blue 4702, Dark Blue 4730, Bright Red 4701, Bright Green 4703, White 4710, Light Gray 4731 (Available in quarts and pints)

Finish/Sheen: Semi-gloss

Volume Solids: 63% ± 2%

Solids by Weight: 75% ± 2%

Shipping Weight: Black - 10.46 Lbs/Gal (4.74 kg/Gal)
Bright Blue - 10.10 Lbs/Gal (4.58 kg/Gal)
Dark Blue - 9.98 Lbs/Gal (4.52 kg/Gal)
Bright Red - 9.85 Lbs/Gal (4.51 kg/Gal)
Bright Green - 10.02 (4.54 kg/Gal)
White - 11.29 Lbs/Gal (5.12 kg/Gal)
Light Gray - 10.38 Lbs/Gal (4.70 kg/Gal)

Typical Shelf Life: 2-3 years

Flash Point: 100° F (38° C)

VOC: 328 Grams/Liter

Typical Film Thickness:

Pleasure craft: 3.78 mils (96.01 μ) dry film thickness (DFT) per coat, (6.0 mils (152.4 μ) wet film thickness (WFT))

Commercial Marine: 3.78-5.0 mils (96.01-127 μ) dry film thickness (DFT) per coat by spray application, (6.3-8.0 mils (160.02-203.2 μ) wet film thickness(WFT))

Recommended Coats: 3

Theoretical Coverage: 267 sq.ft./gal. (24.8 m²/gal) at 3.78 mils (96.01 μ) dry film thickness

FEATURES & BENEFITS

- Environmentally-friendly metal free bottom paint
- Slick film created when launched
- Copper-free



SMART SOLUTION™

Technical Data Sheet

- Compatible over existing antifoulants
- Increased speed

APPLICATION DETAILS

Method: This product may be applied by airless and conventional spray, solvent resistant rollers and brushes.

Pleasure Craft (Drying time in hours):

Substrate Temp.	Touch	Minimum Recoat	Max Recoat	Minimum Launch
Temp F° (C°)	Min	Min	Max	Min
41° F (5° C)	4 hrs	12 hours	N/Z	16 hrs
73° F (23° C)	2 hrs	6 hrs	N/A	12 hrs
95° F (35° C)	1 hrs	4 hrs	N/A	12 hrs

Please contact your Sea Hawk representative for Commercial Marine application and overcoating dry times.

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 Smart Solution antifouling paint over existing bottom paint.

Previously Painted Surfaces: Smart Solution is suitable for this substrate. For correct procedures please refer to the [Application Guidelines for Fiberglass/Gelcoat](#).

Fiberglass or Vinyl Ester Hulls: Smart Solution is 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-80, or S-90 per technical data sheets instructions, allow to dry and apply the first coat of Smart Solution 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 3 coats of Smart Solution without any Thinner reduction.

Aluminum: Smart Solution Antifouling paint may be used on an aluminum hull. Tuff Stuff Epoxy primer is recommended prior to application to ensure proper adhesion.

Steel Vessels: Sea Hawk Smart Solution antifouling paint is normally used as part of a paint system for underwater hull areas on steel vessels. Nominally, Smart Solution 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 3 coats of antifoulant for best performance.

Cleaning & Maintenance: This product is designed to grow a muco-protein on the surface to prevent hard growth. Using your boat, or a **light** monthly cleaning with a soft rag will remove any algae and growth. **Note:** Aggressive cleaning may remove the coating. Do not over clean, or use a brush. Use a soft rag only.



SMART SOLUTION™

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APPLICATION DATA

Mixing: Smart Solution antifouling paint contains a moderate concentration of biocide 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 2033, 2035

Cleaning: Sea Hawk 2033, 2035, Xylene
Pot Life: Not Applicable

Brush/Rolling: Solvent Resistant Roller Cover 3/8" 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" (9.52 mm) ID high-pressure material hose; 90 PSI (620.52 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.

LIMITATIONS

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 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.