

## Multi-Season Ablative

- Harder, self-polishing ablative finish
- Exceptional value multi-season coating
- 33% cuprous oxide – highest grade available
- Consistent viscosity providing better flow and rolling ability
- Lloyd's Register certified



**Multi-Season Formula**  
**Single-Season Price**  
*3300 Series*



**OVER**  
**40**  
**YEARS**

## PRODUCT DESCRIPTION

AF33 is a harder ablative (self-polishing) antifoulant, yielding a more durable finish on all types of vessels. With its premium multi-season protection at a single-season price, AF33 is the choice for discerning captains of workboats, daysailers and serious cruising vessels.



## PRODUCT INFORMATION

**Colors:** Black 3345, Blue 3342, Dark Blue 3330, Red 3341, Green 3343

**Finish/Sheen:** Semi-Gloss

**Copper Content:** 33.6% (629 g/l) all colors

**Volume Solids:** 56% ± 2%

**Shipping Weight:** Black - 15.53 Lbs/Gal (7.04 kl/Gal)

Blue - 15.58 Lbs/Gal (7.06 kl/Gal)

Red - 15.99 Lbs/Gal (7.25 kl/Gal)

Dark Blue - 15.74 Lbs/Gal (7.13 kl/Gal)

Green - 15.39 Lbs/Gal (6.98 kl/Gal)

*\*All colors are not available in all states*

**Flash Point:** 100°F (38°C)

**VOC:** 398 Grams/Liter

**Typical Film Thickness:**

***Pleasure craft:*** 2.5 mils (63.5 μ) dry film thickness (DFT) per coat, (4.5 mils (114.3 μ) wet film thickness (WFT)), 2 coats on entire hull and a 3rd at the waterline and other high wear areas.

***Pleasure craft (California/Reduced CU<sub>2</sub>O Leach Rate***

***Application):*** 2.5 mils (63.5 μ) dry film thickness (DFT) per coat, (4.5 mils (114.3 μ) wet film thickness(WFT)), 2 coats on entire hull.

***Commercial Marine:*** 3.0-5.0 mils (76.2-127 μ) DFT per coat by spray application (5.4-8.9 mils (137.16-226.06 μ) WFT), 2 coats on entire hull and a 3<sup>rd</sup> at the waterline and other high wear areas.

**Theoretical Coverage:** 359 sq.ft./gal. (33.35 m<sup>2</sup>) at 2.5 mils dry film thickness

**Shelf Life:** 30 months when stored under cool, dry conditions

## FEATURES & BENEFITS

- Value-priced semi-hard modified epoxy
- 33.6% cuprous oxide – highest grade available
- Consistent viscosity providing better flow and rolling ability



# AF33™ Technical Data Sheet

- May be applied over other modified epoxy antifouling paints **APPLICATION DETAILS**

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

## Dry Times and Overcoating Intervals:

### *Pleasure Craft* Drying Time in Hours

Substrate Temp.	Touch Dry	Overcoating Time		Launch
Temp F° (C°)	Min	Min	Max	Min
73° F (23° C)	2 hrs	1 hrs	Not Critical	12 hrs
95° F (35° C)	1 hrs	1 hrs	Not Critical	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 AF33 antifouling paint over existing bottom paint.

**Previously Painted Surfaces:** Suitable for application over previously painted surfaces per compatibility check. For correct procedures please refer to the [Application Guidelines for Fiberglass/Gelcoat](#).

**Fiberglass or Vinyl Ester Hulls:** AF33 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-90 Cleaner, allow to dry and apply the first coat of AF33 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 AF33 without any Thinner reduction.

**Aluminum:** AF33 Antifouling paint may be used on

an aluminum hull only when used with the proper barrier coat system described in [Technical Bulletin AL1284](#). AF33 is not to be used on bare aluminum.

**Steel Vessels:** Sea Hawk AF33 antifouling paint is normally used as part of a paint system for underwater hull areas on steel vessels. Nominally, AF33 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. See [Technical Bulletin STL45](#) for detailed information.

## 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



## AF33™ 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:** AF33 bottom 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.

**Additives:** You may add a pint of BIOCOP TF for dual-biocide protection.

**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" (10 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" (10 mm) ID high-pressure material hose; 90 PSI 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.