APPLICATION GUIDELINES

These application guidelines should be used as part of a Sea Hawk Antifoulant System. Please refer to the specific Technical Data Sheet for any of the products mentioned in this guide for detailed information regarding the application of that product.

Previously Painted Surfaces

Refer to the Sea Hawk Compatibility Charts to determine if your existing coating is compatible with Sea Hawk antifoulant paint choice. To insure that your Sea Hawk antifoulant adheres to your existing coating, it is important to have a clean prepared surface and an existing coating that is in good condition.

Known Compatibility of Existing Antifoulant

Power wash (pressure wash) to remove any loose paint, dirt, grease, or any other surface contaminants.

Scuff sand with 80 grit sandpaper, or scuff with a 3M Scotch-Brite® 7447 pad scrubbing thoroughly. Remove all residue and let dry.

Apply minimum of two coats of Sea Hawk antifouulant. Allow 3 to 6 hours between coats and a minimum overnight dry time for any of the products mentioned in this guide for detailed information regarding the application of that product.

Poor Condition of Existing Antifoulant

If previous coating is cracking, flaking or peeling then strip antifoulant with Sea Hawk 1288 Marine Paint Stripper or by sanding or commercial blaster. Refer to Bare Fiberglass Application Guidelines for new antifoulant application.

Bare Fiberglass/Gel Coat

Preparation

When painting a bare fiberglass / gel coat hull for the first time, it is extremely important that all contaminants such as grease, oil, wax, or other foreign material are completely removed prior to sanding or application of a Sea Hawk System. Scuff the surface with a detergent soap and stiff brush.

A. Clean and de-fiberglass with a 80-100 grit Glassite Killer solvent based detergent. Saturate cloth or rag thoroughly to remove any cleaner and contaminants. Be sure to remove any residue before it drains and changes color frequently to insure contaminants are completely removed.

OR

B. Apply 1:1 6 Cap. De-Wax & Etch with a maroon 3M Scotch-Brite® pad scrubbing thoroughly. Do not allow cleaner to dry on the surface and remove by flushing with water.

Rinse entire surface with water and check for any beading on the surface which will indicate that wax is still present. If necessary repeat step 2 again until the surface is contaminant-free. Choose your system below.

Premium Blister Protection

Sand to a uniformly flat, dull looking surface with 80-100 grit (no finer) sandpaper. Rinse with a 5-80 Wax and Grease Killer, 5-90 De-Wax Fink & Cleaner.

Seal the surface with 2-3 coats of Tuff Stuff, or 5-78 High Build Primer. Apply the first coat of primer and allow the surfact to dry become tacky. Temperature and humidity affect the dry time, but you will know when to apply your next coat of primer once the paint film becomes “tacky”. You should be able to firmly press your thumb into the paint film and leave a thumbprint without any primer coming off the surface. You should use this method in between coats of primer and your first coat of antifouling paint. When applying over multiple days, it is always best to go overnight between coats of primer instead going overnight between the final coat of primer and the first coat of antifouling. Additional information can be found on the Tuff Stuff 5-78 Technical Data Sheets.

Apply minimum of two coats Sea Hawk Premium antifoulant not allowing more than 24 hours since the last coat of Tuff Stuff 5-78 High Build Epoxy Primer.

Simple No Sand System

Apply one thin coating of 1284 Non-Sanding Primer. This coating is applied at a minimum of 1/2 mil WFT. Excessive build up can cause a lack of adhesion. Minimum dry time is 20 minutes with a maximum of one hour.

Apply minimum of two coats of Sea Hawk antifoulant. Allow first coat of antifouling within 2 hours of applying primer. Apply 2nd coat of antifouling allowing 3 to 4 hours between coats and a minimum overnight dry.

Bare Wood

Surface must be clean, dry and free of contaminants.

Sand to a uniformly flat, dull looking surface with 80-100 grit (no finer) sandpaper, remove any residue.

Apply two coats of Sea Hawk antifouling by paste to brush, roller or spray. Apply first coat within 20% and let dry overnight. Apply two more coats of bottom paint allowing 3 to 4 hours between coats and a minimum overnight dry.

Known Compatibility of Existing Antifoulant

Power wash (pressure wash) to remove any loose paint, dirt, grease, or any other surface contaminants.

Scuff sand with 80 grit sandpaper, or scuff with a 3M Scotch-Brite® 7447 pad scrubbing thoroughly. Remove all residue and let dry.

Apply minimum of two coats of Sea Hawk antifoulant. Allow 3 to 6 hours between coats and a minimum overnight dry. See the specific Technical Data Sheet for antifoulant being used. Some antifoulants may require more than 2 coats.

Sanding System

Sand to a uniformly flat, dull looking surface with 80-100 grit (no finer) sandpaper, remove any residue.

Apply minimum of two coats of Sea Hawk antifoulant. Allow 3 to 6 hours between coats and a minimum overnight dry. See the specific Technical Data Sheet for antifoulant being used. Some antifoulants may require more than 2 coats.

Copper-Based Antifoulant Application

Apply two coats of 5-78 Primer, the first coat applied within 1 hour of sand blasting. Allow first coat to dry until tacky then apply second coat. See product data sheets for mil thickness and dry times.

Seal the surface with 3-4 coats of Tuff Stuff, or 5-78 High Build Primer. Apply the first coat of primer within 8 hours of applying the last coat of 5-78, and then allow the surface to dry to become tacky and humidity affect the dry time, but you will know when to apply your next coat of primer when the paint film becomes “tacky”. You should be able to firmly press your thumb into the paint film and leave a thumbprint without any primer coming off the surface. You should use this method in between coats of primer and your first coat of antifouling. When applying over multiple days, it is always best to go overnight between coats of primer instead going overnight between the final coat of primer and the first coat of antifouling. Additional information can be found on the Tuff Stuff 5-78 Technical Data Sheets.

Apply minimum of two coats of Sea Hawk antifoulant.

Aluminum/Steel

Sandblast to near white or white metal, SSPC-SP-10 or equivalent. Remove blasting residue by brush or by cleaned compressed air or Commercial blasting or sandblasting is not required. Please consult a Sea Hawk representative for new construction.

Copper-Free Antifouling Application for Aluminum Only

Seal the surface with 3-4 coats of Tuff Stuff, or 5-78 High Build Primer. Apply the first coat of primer and allow the surfact to dry become tacky and humidity affect the dry time, but you will know when to apply your next coat of primer when the paint film becomes “tacky”. You should be able to firmly press your thumb into the paint film and leave a thumbprint without any primer coming off the surface. You should use this method in between coats of primer and your first coat of antifouling paint. When applying over multiple days, it is always best to go overnight between coats of primer instead going overnight between the final coat of primer and the first coat of antifouling. Additional information can be found on the Tuff Stuff 5-78 Technical Data Sheets.

OR

Apply 3 coats of E3000 copper-free antifoulant application. Apply two coats of 5-78 Primer, the first coat applied within 1 hour of sand blasting. Allow first coat to dry until tacky then apply second coat. See product data sheets for mil thickness and dry times.

Copper-Based Antifoulant Application

Apply two coats of 5-78 Primer, the first coat applied within 1 hour of sand blasting. Allow first coat to dry until tacky then apply second coat. See product data sheets for mil thickness and dry times.

Seal the surface with 3-4 coats of Tuff Stuff, or 5-78 High Build Primer. Apply the first coat of primer within 8 hours of applying the last coat of 5-78, and then allow the surface to dry to become tacky and humidity affect the dry time, but you will know when to apply your next coat of primer when the paint film becomes “tacky”. You should be able to firmly press your thumb into the paint film and leave a thumbprint without any primer coming off the surface. You should use this method in between coats of primer and your first coat of antifouling. When applying over multiple days, it is always best to go overnight between coats of primer instead going overnight between the final coat of primer and the first coat of antifouling. Additional information can be found on the Tuff Stuff 5-78 Technical Data Sheets.

Apply minimum of two coats of Sea Hawk antifoulant.

Aluminum/Steel

Sandblast to near white or white metal, SSPC-SP-10 or equivalent. Remove blasting residue by brush or by cleaned compressed air or Commercial blasting or sandblasting is not required. Please consult a Sea Hawk representative for new construction.