## Painting Wood

There are many different species of wood that boats are build with, and it is common with traditional vessel that a combination of wood species are used for different parts of the vessel. Different wood species have different characteristics, which normally dictate where in the boat's construction they are used. It is important to understand the type of wood the vessel is constructed of so you can choose the correct coating system for your vessel.

When it comes to choosing a paint system for your boat and you are unsure consult with Skipper's Line technical representatives, who will be able to offer advice and recommendation about which coating system to use and surface preparation. The details below give a basic guide to surface preparation and application.

### Surface Preparation - Bare Substrate (above and below the waterline)

The wooden substrate should be thoroughly cleaned and degreased to be free from traces of oil and grease, which may be present especially in oily woods. Sand paper the wood, either mechanically or by hand along the grain of the wood, with a medium-fine abrasive paper (P80-280), in order to provide a rough pattern that allows a key for the subsequent yacht paint system. All dust and sanding residues should be thoroughly removed from the substrate by brushing and vacuuming. Clean the surface with a cloth (lint free) soaked with Thinner 203, allowing to dry fully before applying the recommended yacht paint system. When applying the first coat of Skipper's Line yacht primer to the wood follow the products application guide.

### Previously Painted Surfaces - Topsides

If the coating is in good condition, with no cracking, blisters, flaking or loss of adhesion then it will be possible to clean and degrease the existing coating, and sand with a medium-fine abrasive paper (P180-320) taking care to remove all dust and sanding residue from the surface before starting the paint application. After this has taken place proceed with the application of suitable undercoat/primer and topcoat.

If the coating is in poor condition, with flaking or loss of adhesion, cracking, or blistering, then it is recommended to remove the old coating back to the bare wood, either by using a remover such as Skipper's Line Svernigraf or by sanding and scraping, taking care to remove all the dust and sanding residue from the surface. It is important then to follow the recommended preparation for bare wood.

### Previously Painted Surfaces - Below the waterline

If the paint is in good condition and a new application of antifouling is required it is suitable to sand the existing coating with a medium abrasive paper ensuring that there is no marine growth and flaking or loss of adhesion. **(*Note for antifouling use a remover and do not dry sand as dust is toxic)** After removing all residues from the substrate, apply 2 coats of antifouling. If the old antifouling is unknown it is recommended to apply 1-2 coats of Skipper's Line Solver Primer before the application of the new antifouling.

If the old paint is in poor condition, with loss of adhesion, flaking and blistering, then it is important to remove the old coating from the substrate by using a remover such as Skipper's Line Stripcarena or by scraping back to the bare wood or primer, removing all residues from the surface. It is important to use the recommended coating systems for all types of boat construction especially wood, taking care to use suitable primers below the waterline, to achieve a barrier before the application of antifouling.
*Note: Antifouling protects only from marine growth/fouling.*

## One-Component Indicative Coating Systems

**1.** Bottom Coating System – Below Waterline

| No Coats | Product Name | Thinner | | Coverage (m2/Lt) | Recoating (at 20˚C) |
|---|---|---|---|---|---|
| 1 | Cromominio AT Primer | 15-25% Brush 107 | 15-30% Spray 107 | 7-9 | 24 hours |
| 3 | Solver Primer/intermediate coat | 10-25% Brush 400 | 15-30% Spray 400 | 4-6 | Min 6 hours |
| 2 | Standard Plus Antifouling | Max 5% Brush 400 | 10% Spray 400 | 10-12 | 18-24 hours |

| **2.** Bottom Coating System – Below Waterline | | | | | |
|---|---|---|---|---|---|
| **No Coats** | **Product Name** | **Thinner** | | **Coverage (m2/Lt)** | **Recoating (at 20˚C)** |
| 3-4 | Solver Primer | 10-25% Brush 400 | 15-30% Spray 400 | 4-6 | Min 6 hours |
| 2 | Standard Plus Antifouling | Max 5% Brush 400 | 10% Spray 400 | 10-12 | 18-24 hours |

| **3.** Topside Coating System – Above Waterline | | | | | |
|---|---|---|---|---|---|
| **No Coats** | **Product Name** | **Thinner** | | **Coverage (m2/Lt)** | **Recoating (at 20˚C)** |
| 1 | Cromominio AT Primer | 15-25% Brush 107 | 15-30% Spray 107 | 7-9 | 24 hours |
| 2-3 | Solver Primer/intermediate Coat | 10-25% Brush 400 | 15-30% Spray 400 | 4-6 | Min 6 hours |
| 1-2 | Sottofondo Undercoat | 10-20% Brush 107 | 20-30% Spray 900 | 9-10 | 18-24 hours |
| 2 | Topkapi Yacht Paint<br>or<br>Topkapi Satin Yacht Paint<br>or<br>Sintolin Yacht Paint | 10-20% Brush 107/109<br><br>10-20% Brush 107/109<br><br>5-15% Brush 107 | 10-25% Spray 900<br><br>10-25% Spray 900<br><br>15-20% Spray 900 | 11-13<br><br>11-13<br><br>8-10 | 18-24 hours<br><br>18-24 hours<br><br>24 hours |

## Two-Component Indicative Coating Systems

| **1.** Bottom Coating System – Below Waterline | | | | | |
|---|---|---|---|---|---|
| **No Coats** | **Product Name** | **Thinner** | | **Coverage (m2/Lt)** | **Recoating (at 20˚C)** |
| 1-2 | Epowood Primer<br>or<br>Underglass Varnish | Ready for use Brush & Spray (765 if required)<br><br>10-15% Brush 205 | <br><br>15-20% Spray 203 | 12-15<br><br>8-10 | Min 6 hours<br><br>8-10 hours |
| 2 | Epofond AM/9 Epoxy Primer | 10-15% Brush 765 | 15-25% Spray 765 | 8-9 | 12-24 hours |
| 1-2 | Solver Primer /Intermediate Coat | 10-25% Brush 400 | 15-30% Spray 400 | 4-6 | Min 6 hours |
| 2 | Standard Plus Antifouling | Max 5% Brush 400 | 10% Spray 400 | 10-12 | 18-24 hours |

| **2.** Topside Coating System – Above Waterline | | | | | |
|---|---|---|---|---|---|
| **No Coats** | **Product Name** | **Thinner** | | **Coverage (m2/Lt)** | **Recoating (at 20˚C)** |
| 1-2 | Epowood Primer<br>or<br>Underglass Varnish | Ready for use Brush & Spray (765 if required)<br><br>10-15% Brush 205 | <br><br>15-20% Spray 203 | 12-15<br><br>8-10 | Min 6 hours<br><br>8-10 hours |
| 2 | Epofond AM/9 Epoxy Primer | 10-15% Brush 765 | 15-25% Spray 765 | 8-9 | 12-24 hours |
| 2-3 | Polifond Undercoat | 15-30% Brush 205 | 25-35% Spray 203 | 14-15 | 12-24 hours |
| 2 | Acriglass Finish Yacht Paint<br>or<br>Space Top Pro Finish Yacht Paint<br>or<br>Whitext Bucciato | 15-25& Brush 205<br><br>20-30% Brush 205/201<br><br>5-10% Brush 205 | 20-35% Spray 203<br><br>20-35% Spray 205/201<br><br>5-10% Spray 203 | 10<br><br>13-14<br><br>5-6 | 24 hours<br><br>18-24 hours<br><br>24 hours |

***Note:*** *The information is given to the best of our knowledge, and not intended to be exhaustive. But since the conditions of use of our products are beyond our control, no warranty is given or to be implied in respect of such information. We are, at all times, willing to study customer\specific requirements involving our products in order to enable their most effective use. Dilution rates and drying times are to be considered only indicative, based on a temperature of 20°C (68°F), and may be subject to changes according to prevailing temperature, in presence of particular weather conditions or due to application procedures that may be effective at time of application. This information is liable to modification from time to time.*