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. Sandpaper the wood, either mechanically or by hand along the grain of the wood, with a medium-fine abrasive paper (P80-280), 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 of 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 of 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

One-Component Indicative Coating Systems continued

3. Topside Coating System – Above Waterline					
No of 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 or **Topkapi Satin** Yacht Paint	10-20% Brush 107/109 10-20% Brush 107/109	10-25% Spray 900 10-25% Spray 900	11-13 11-13	18-24 hours 18-24 hours

Two-Component Indicative Coating Systems

1. Bottom Coating System – Below Waterline					
No of Coats	**Product Name**	**Thinner**		**Coverage (m2/Lt)**	**Recoating (at 20˚C)**
1-2	**Epowood** Primer or **Underglass** Varnish	Ready for use Brush & Spray (765 if required) 10-15% Brush 205	15-20% Spray 203	12-15 8-10	Min 6 hours 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 of Coats	**Product Name**	**Thinner**		**Coverage (m2/Lt)**	**Recoating (at 20˚C)**
1-2	**Epowood** Primer or **Underglass** Varnish	Ready for use Brush & Spray (765 if required) 10-15% Brush 205	15-20% Spray 203	12-15 8-10	Min 6 hours 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 or **Space Top Pro Finish** Yacht Paint or **Whitext Bucciato**	15-25& Brush 205 20-30% Brush 205/201 5-10% Brush 205	20-35% Spray 203 20-35% Spray 205/201 5-10% Spray 203	10 13-14 5-6	24 hours 18-24 hours 24 hours

Note: *The product information is a general overview to help when deciding which product to use. Please see the product's technical data sheet for specific information.*