



Painting Aluminium and Light alloys

The preparation of Aluminium surface correctly before the application of a coating system is important before the application of a protective coating system, against galvanic corrosion. The type of coating used on aluminium and light alloys is important for the substrate, but also for many common parts of the vessel which can also be of aluminium. It is not recommended to use coatings containing cuprous oxide and metallic flake.

When it comes to choosing a protective coating 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 about surface preparation. The details below give a basic guide to surface preparation and application.

Surface preparation - Bare substrate

For the preparation of aluminium and light alloy surfaces, it is necessary to lightly sand blast or mechanically sand the surface, in order to remove oxide layers which form on the surface of the metal when untreated. Degrease the surface with a neutral solvent before starting the coating application process should be carried out to remove all surface contamination. After this has been undertaken the substrate is then suitable for the application of Skipper's Line recommended coating systems.

Previously Coated Surfaces - Topsides and Below the Waterline

If the existing coating is in good condition with no cracking, flaking loss adhesion from the substrate, then it is suitable to thoroughly degrease and clean the surface, then abrade the old coatings with a medium-fine abrasive paper (P180-240) All dust and sanding residues should be thoroughly removed from the substrate surface. After suitable preparation has been carried out it will be suitable to apply your preferred coating, system or antifouling (Some Skipper's Line antifouling are not suitable for aluminium)

If the existing coating is in poor condition and is showing loss of adhesion to substrate, flaking, cracking, blisters, then it will be necessary to remove the old coatings by using a remover such as Skipper's Line Svernigraf or lightly sandblasting or mechanical sanding. It is then recommended to follow the surface preparation guide for bare surfaces. Once the preparation has been carried out it will then be possible to apply your choice of Skipper's Line coating system.

Indicative Coating Systems

1. Bottom Coating System – Below Waterline

No Coats	Product Name	Thinner		Coverage (m ² /Lt)	Recoating (at 20°C)
2-3	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	Antifouling				

2. Topside Coating System – Above Waterline

No Coats	Product Name	Thinner		Coverage (m ² /Lt)	Recoating (at 20°C)
2-3	Epofond AM/9 Epoxy Primer	10-15% Brush 765	15-25% Spray 765	8-9	12-24 hours
2	Solver Primer/intermediate coat	10-25% Brush 400	15-30% Spray 400	4-6	Min 6 hours
2	Topkapi Yacht Paint	10-20% Brush 107/109	10-25% Spray 900	11-13	18-24 hours
	or				
	Topkapi Satin Yacht Paint	10-20% Brush 107/109	10-25% Spray 900	11-13	18-24 hours
	or				
	Sintolin Yacht Paint	5-15% Brush 107	15-20% Spray 900	8-10	18-24 hours



3. Topside Coating System – Above Waterline

No Coats	Product Name	Thinner		Coverage (m ² /Lt)	Recoating (at 20°C)
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 Textured Finish	15-25% Brush 205	20-35% Spray 203	10	24 hours
		20-30% Brush 205/201	20-35% Spray 205/201	13-14	18-24 hours
		5-10% Brush 205	5-10% Spray 203	5-6	24 hours

Indicative System for Propellers, Stern drives & Stern Gear

1 Coating System

No Coats	Product Name	Thinner		Coverage (m ² /Lt)	Recoating (at 20°C)
2-3	Eliprimer 2C	20-30% Brush 765	20-30% Spray 765	8-9	12-24 hours
2	Antifouling				

Indicative Clear Coating system for Bronze Fittings

1 Clear Coating System – Above Waterline

No Coats	Product Name	Thinner		Coverage (m ² /Lt)	Recoating (at 20°C)
2-3	Ottovernix Clear Coating	10-20% Nitro Thinner		10-12	2-4 hours

Leave as final coating finish, or follow up with normal coating system for Painted finish.

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.