

Varnishing Wood

There is nothing more eye catching than perfectly varnished wood, enhancing its natural colour and beauty, the yacht varnish also adding protection from the severe marine environment. The surface preparation of wood before varnishing is important not only to achieve a long lasting finish, but the clear nature of varnish will show any area of the wood which is in poor condition or which has not been prepared correctly.

Surface preparation - Bare wood

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. Never sand across the grain as this can cause scratching to the wood, which will be visible through the varnish. 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 varnishing system. When applying the first coat of yacht varnish to the wood, depending on the Skipper's Line yacht varnish used, reduce the varnish with its appropriate thinner to the recommended %, which will aid the penetration of the varnish and enable better adhesion to the substrate. Follow up with your choice of varnishing system.

Previously varnished surfaces

They may be different reasons as to why you need to re-varnish.

1. General maintenance of the brightwork, wanting to apply a fresh coat of varnish.
or
2. The varnish is crazing, showing loss of adhesion, UV damage to the wood resulting in loss of colour.

Reason 1: If the existing varnish is in good condition, with good adhesion to the substrate, it will be suitable to sand paper the existing varnish with a fine abrasive paper (P180 – 320), thoroughly cleaning and degreasing the surface, removing all dust and sanding residue. Proceed with the application 1-3 coats of a yacht varnish compatible with the pre-existing one. If the existing varnish is unknown then it is recommended to remove the varnish back to bare wood, or to do a test patch to see if the fresh yacht varnish is compatible.

Reason 2: If the existing varnish is in poor condition, the varnish is crazing, blistering, flaking away, or the wood is blackened, or lost its colour. It is then recommended to remove the old varnish back to bare wood, by using a remover like Svernigraf, or by sanding and scraping the varnish away from the wooden substrate. Make sure that the surface has been thoroughly cleaned and degreased, and proceed by following the surface preparation for bare wood. Follow up with your choice of varnishing system.

One-Component Indicative Coating Systems for Exterior and Interior

1. Exterior Systems

Number Coats	Product Name	Thinner		Coverage (m ² /Lt)	Touch Dry (at 20°C)	Recoating (at 20°C)
4-8	Topkapi UV - Premium	10-15% Brush 107	10-20% Spray 900	12-14	4 hrs	24 hrs
	or Starwind UV - Tung-oil	10-15% Brush 107	10-20% Spray 900	12-13	8-12 hrs	24-48 hrs
	or Superwind - Traditional	10-15% Brush 107	10-20 % Spray 900	12-13	6-8 hrs	24 hrs
	or Ecowood UV – Water-based	5% with Water	5% with Water	11-12	4-6 hrs	12 hrs
	or Bekol	10-15% Brush 107	10-20% Spray 900	8-10	3-4 hrs	24 hrs

2. Exterior Systems						
No of Coats	Product Name	Thinner		Coverage (m ² /Lt)	Touch Dry (at 20°C)	Recoating (at 20°C)
1	Poliglass (Polyurethane 2-Pack Primer "6 coats a day")	50-100% Brush 203	50-100% Spray 203	10	15-20 mins (dust dry)	8-10 hrs
	or Underglass (Polyester 2-Pack Primer)	30-40% Brush 107	30-40% Spray 900	8-10	10-15 mins (dust dry)	8-10 hrs
1-5	Poliglass – (Polyurethane 2 Pack Primer "6 coats a day")	10-30% Brush 203/205	20-30% Spray 203	10	15-20 mins (dust dry)	8-10 hrs
2-3	Poliglass Gel UV (2-Pack High Build Primer)	10-15% Brush 203/205	10-20% Spray 203	6-7	15-20 mins (dust dry)	8-10 hrs
3-4	Topkapi UV - Premium	10-15% Brush 107	10-20% Spray 900	12-14	4 hrs	24 hrs
	or Starwind UV - Tung-oil	10-15% Brush 107	10-20% Spray 900	12-13	8-12 hrs	24-48 hrs
	or Superwind - Traditional	10-15% Brush 107	10-20 % Spray 900	12-13	6-8 hrs	24 hrs
	or Ecowood UV – Water-based	5% with Water	5% with Water	11-12	4-6 hrs	Min 12 hrs
	or Bekol	10-15% Brush 107	10-20% Spray 900	8-10	3-4 hrs	24 hrs

3. Interior Systems						
Number Coats	Product Name	Thinner		Coverage (m ² /Lt)	Touch Dry (at 20°C)	Recoating (at 20°C)
2-5	Topkapi Opaca - Matt	15-20% Brush 107	20-30% Spray 900	10	6 hrs	24 hrs
	or Superwind Satinata - Satin	10-15% Brush 107	10-20% Spray 900	12-13	6-8 hrs	24 hrs
	or Ecowood – Matt Water-based	5% with Water	5% with Water	11-12	4-6 hrs	Min 12 hrs
	or Bekol – Matt	10-15% Brush 107	10-20% Spray 900	8-10	3-4 hrs	24 hrs

4. Interior Systems						
No of Coats	Product Name	Thinner		Coverage (m ² /Lt)	Touch Dry (at 20°C)	Recoating (at 20°C)
1-2	Poliglass (Polyurethane 2-Pack Primer "6 coats a day")	50-100% Brush 203	50-100% Spray 203	10	15-20 mins (dust dry)	8-10 hrs
	or Underglass (Polyester 2-Pack Primer)	30-40% Brush 107	30-40% Spray 900	8-10	10-15 mins (dust dry)	8-10 hrs
3-4	Topkapi UV - Premium	10-15% Brush 107	10-20% Spray 900	12-14	4 hrs	24 hrs
	or Starwind UV - Tung-oil	10-15% Brush 107	10-20% Spray 900	12-13	8-12 hrs	24-48 hrs
	or Superwind - Traditional	10-15% Brush 107	10-20 % Spray 900	12-13	6-8 hrs	24 hrs
	or Ecowood UV – Water-based	5% with Water	5% with Water	11-12	4-6 hrs	Min 12 hrs
	or Bekol	10-15% Brush 107	10-20% Spray 900	8-10	3-4 hrs	24 hrs

Two-Component Indicative Coating Systems for Exterior and Interior

1. Exterior Systems						
No of Coat	Product Name	Thinner		Coverage (m ² /Lt)	Dust Dry (at 20°C)	Recoating (at 20°C)
1	Poliglass (Polyurethane 2-Pack Primer "6 coats a day")	50-100% Brush 203	50-100% Spray 203	10	15-20 mins	8-10 hrs
	or Underglass (Polyester 2-Pack Primer)	30-40% Brush 107	30-40% Spray 900	8-10	10-15 mins	8-10 hrs
1-5	Poliglass – (Polyurethane 2 Pack Primer "6 coats a day")	10-30% Brush 203/205	20-30% Spray 203	10	15-20 mins	8-10 hrs
2-4	Poliglass Gel UV (2-Pack High Build Primer)	10-15% Brush 203/205	10-20% Spray 203	6-7	15-20 mins	8-10 hrs
3-4	Acriglass UV	10-15% Brush 205	20-30% Spray 203	10-12	40-50 mins	24 hrs
	or Space Clear UV	10-15% Brush 205/201	10-20% Spray 203/201	12	30-60 mins	24 hrs
	or Space Clear 3/1 UV	10-15% Brush 205/201	10-20 % Spray 203/201	12	30-60 mins	24 hrs

2. Exterior Systems						
No of Coat	Product Name	Thinner		Coverage (m ² /Lt)	Dust Dry (at 20°C)	Recoating (at 20°C)
5-8	Acriglass UV	10-15% Brush 205	20-30% Spray 203	10-12	40-50 mins	24 hrs
	or Space Clear UV	10-15% Brush 205/201	10-20% Spray 203/201	12	30-60 mins	24 hrs
	or Space Clear 3/1 UV	10-15% Brush 205/201	10-20 % Spray 203/201	12	30-60 mins	24 hrs
	or Poliglass Gel UV	10-15% Brush 205	10-20% Spray 203/201	6-7	15-20 mins	8-10 hrs

3. Interior Systems						
No of Coat	Product Name	Thinner		Coverage (m ² /Lt)	Dust Dry (at 20°C)	Recoating (at 20°C)
1-2	Poliglass (Polyurethane 2-Pack Primer "6 coats a day")	50-100% Brush 203	50-100% Spray 203	10	15-20 mins	8-10 hrs
	or Underglass (Polyester 2-Pack Primer)	30-40% Brush 107	30-40% Spray 900	8-10	10-15 mins	8-10 hrs
2-4	Poliglass – Gloss Finish	10-15% Brush 203/205	20-30% Spray 203	10	15-20 mins	8-10 hrs
	or Polisatin – Satin Finish	0-5% Brush 205	5-10% Spray 203	8	5-15 mins	8-12 hrs
	or Polimatt – Matt Finish	5-10% Brush 205	10-20% Spray 203	8	15-20 mins	8-12 hrs

4. Interior Systems						
No of Coat	Product Name	Thinner		Coverage (m ² /Lt)	Dust Dry (at 20°C)	Recoating (at 20°C)
4-6	Poliglass – Gloss Finish	10-15% Brush 203/205	20-30% Spray 203	10	15-20 mins	8-10 hrs
	or Polisatin – Satin Finish	0-5% Brush 205	5-10% Spray 203	8	5-15 mins	8-12 hrs
	or Polimatt – Matt Finish	5-10% Brush 205	10-20% Spray 203	8	15-20 mins	8-12 hrs



***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.*