Varnishing Wood

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. Sandpaper 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.

Existing varnish in good condition: with good adhesion to the substrate, it will be suitable to sandpaper the 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.

Existing varnish in poor condition: 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 sanding and scraping the varnish away from the substrate. Thoroughly clean and degreased the surface and proceed by following the surface preparation for bare wood.

One-Component Indicative Coating Systems for Exterior and Interior

1. Exterior Systems

No of Coats	Product Name	Thinner		Coverage (m2/Lt)	Touch Dry (at 20˚C)	Recoating (at 20˚C)
4-8	**Tropical UV –** Premium	10-15% Brush 107	10-20% Spray 900	12-13	8-12 hrs	24-36 hrs
	or					
	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

2. Exterior Systems

No of Coats	Product Name	Thinner		Coverage (m2/Lt)	Touch Dry (at 20˚C)	Recoating (at 20˚C)
1	**Poliglass** (“6 coats a day” primer)	50-100% Brush 203	50-100% Spray 203	10	15-20mins (dust dry)	8-10 hrs
	or					
	Underglass (2-pack sealer)	30-40% Brush 107	30-40% Spray 900	8-10	10-15mins (dust dry)	8-10 hrs
1-5	**Poliglass** – (“6 coats a day” primer)	10-30% Brush 203/205	20-30% Spray 203	10	15-20mins (dust dry)	8-10 hrs
	or					
2-3	**Poliglass Gel UV** (High Build Primer)	10-15% Brush 203/205	10-20% Spray 203	6-7	15-20mins (dust dry)	8-10 hrs
3-4	**Tropical UV –** Premium	10-15% Brush 107	10-20% Spray 900	12-13	8-12hrs	24-36hrs
	or					
	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

3. Interior Systems

No of Coats	Product Name	Thinner		Coverage (m2/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					
	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 (m2/Lt)**	**Touch Dry (at 20˚C)**	**Recoating (at 20˚C)**
1-2	**Poliglass** ("6 coats a day" primer) or **Underglass** (2 pack sealer)	50-100% Brush 203 30-40% Brush 107	50-100% Spray 203 30-40% Spray 900	10 8-10	15-20mins (dust dry) 10-15mins (dust dry)	8-10 hrs 8-10 hrs
3-4	**Tropical UV**- Premium or **Topkapi UV** - Premium or **Starwind UV** - Tung-oil or **Superwind** - Traditional or **Bekol**	10-15% Brush 107 10-15% Brush 107 10-15% Brush 107 10-15% Brush 107 10-15% Brush 107	10-20% Spray 900 10-20% Spray 900 10-20% Spray 900 10-20 % Spray 900 10-20% Spray 900	12-13 12-14 12-13 12-13 8-10	8-12hrs 4 hrs 8-12 hrs 6-8 hrs 3-4 hrs	24-36hrs 24 hrs 24-48 hrs 24 hrs 24 hrs

Two-Component Indicative Coating Systems for Exterior and Interior

1. Exterior Systems						
No of Coat	**Product Name**	**Thinner**		**Coverage (m2/Lt)**	**Dust Dry (at 20˚C)**	**Recoating (at 20˚C)**
1	**Poliglass** ("6 coats a day" primer) or **Underglass** (2-Pack sealer)	50-100% Brush 203 30-40% Brush 107	50-100% Spray 203 30-40% Spray 900	10 8-10	15-20mins 10-15mins	8-10 hrs 8-10 hrs
1-5 2-4	**Poliglass** – ("6 coats a day" primer) or **Poliglass Gel UV** (High Build Primer)	10-30% Brush 203/205 10-15% Brush 203/205	20-30% Spray 203 10-20% Spray 203	10 6-7	15-20mins 15-20mins	8-10 hrs 8-10 hrs
3-4	**Acriglass UV** or **Space Clear 3/1 UV**	10-15% Brush 205 10-15% Brush 205/201	20-30% Spray 203 10-20% Spray 203/201	10-12 12	40-50mins 30-60mins	24 hrs 24 hrs

2. Exterior Systems						
No of Coat	**Product Name**	**Thinner**		**Coverage (m2/Lt)**	**Dust Dry (at 20˚C)**	**Recoating (at 20˚C)**
5-8	**Acriglass UV** or **Space Clear 3/1 UV** or **Poliglass Gel UV**	10-15% Brush 205 10-15% Brush 205/201 10-15% Brush 205	20-30% Spray 203 10-20% Spray 203/201 10-20% Spray 203/201	10-12 12 6-7	40-50mins 30-60mins 15-20mins	24 hrs 24 hrs 8-10 hrs

3. Interior Systems						
No of Coats	**Product Name**	**Thinner**		**Coverage (m2/Lt)**	**Dust Dry (at 20˚C)**	**Recoating (at 20˚C)**
1-2	**Poliglass** ("6 coats a day") or **Underglass** (2-Pack sealer)	50-100% Brush 203 30-40% Brush 107	50-100% Spray 203 30-40% Spray 900	10 8-10	15-20 mins 10-15 mins	8-10 hrs 8-10 hrs
2-4	**Poliglass** – Gloss Finish or **Polisatin** – Satin Finish or **Polimatt** – Matt Finish	10-15% Brush 203/205 0-5% Brush 205 5-10% Brush 205	20-30% Spray 203 5-10% Spray 203 10-20% Spray 203	10 8 8	15-20 mins 5-15 mins 15-20 mins	8-10 hrs 8-12 hrs 8-12 hrs

4. Interior Systems						
No of Coats	**Product Name**	**Thinner**		**Coverage (m2/Lt)**	**Dust Dry (at 20˚C)**	**Recoating (at 20˚C)**
4-6	**Poliglass** – Gloss Finish or **Polisatin** – Satin Finish or **Polimatt** – Matt Finish	10-15% Brush 203/205 0-5% Brush 205 5-10% Brush 205	20-30% Spray 203 5-10% Spray 203 10-20% Spray 203	10 8 8	15-20 mins 5-15 mins 15-20 mins	8-10 hrs 8-12 hrs 8-12 hrs

** 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.*