

Sigma Varnish Yacht Gloss



Description	Solvent-based clear coat for exterior use based on wood-oil-phenol-alkyd resin.		
Use	Varnishing of high-quality woods. Particularly suitable for varnishing woodwork of yachts and boats, above the water surface.		
Principal characteristics	<ul style="list-style-type: none"> • Weather resistant. • Resistant to salt and fresh water (no immersion). • Excellent flow. • Very good elasticity. 		
Colors and gloss	Clear. High gloss.		
Packaging	Tin of 1 litre and 2.5 litre.		
Basic data	Mass density	:	approx. 0,92 kg/dm ³
	Solids content	:	approx. 49% by volume
	Dry film thickness	:	30 µm (w.ft. = approx. 60 µm) per layer
	Flashpoint	:	39°C
	Drying times determined at 23°C and 50% R.H.		
	Dust dry after	:	3-4 hours
	Tack-free after	:	4-6 hours
	Sandable after	:	24 hours
	Recoatible after	:	24 hours
Shelf life	Dry stored in closed original packing, at a temperature between 5°C and 30°C, at least 2 years.		
Spreading rate	Theoretical spreading rate		
	Dry film thickness of 30 microns: 16.5 m ² /l.		
Surface conditions	Practical spreading rate		
	Depending the shape of the object, the condition and texture of the surface, the application method, skill and atmospheric circumstances.		
Surface conditions	Clean thoroughly. Greasy types of wood must be degreased. Wood moisture content maximum 18%.		
Application conditions	Correct film-forming and drying conditions during application and drying are of importance, the following must be observed: - Substrate and ambient temperature between 5°C and 30°C. - Maximum relative humidity 85%. - Substrate temperature must be at least 3°C above dew point.		



Systems

Varnish system on hardwood doors and woodwork of yachts and boats, above the water surface

New wood:

- Clean thoroughly. Greasy types of wood must be degreased.
- Sand the wood surface.
- Impregnate with Sigma WoodProtect 2in1 Classic Satin clear.
- Finish with three layers of Sigma Varnish Yacht Gloss.

Remove existing varnish system:

- Remove all varnish layers.
- Remove weathered wood until a sound bare wood surface occurs, for example by mechanical sanding.
- Impregnate with Sigma WoodProtect 2in1 Classic Satin.
- Finish with three layers of Sigma Varnish Yacht Gloss.

Maintenance of existing varnish system (alkyd resin):

- Clean thoroughly.
- Remove defective varnish layers from an entire piece of a building part (e.g. window sill).
- Sand the bare wood until a sound surface is obtained.
- Remove weathered wood until a sound bare wood surface occurs, for example by mechanical sanding.
- Roughen intact layers by means of sanding.
- Impregnate bare wood with Sigma WoodProtect 2in1 Classic Satin clear.
- Touch up with Sigma Varnish Yacht Gloss. Do this in such a way that the original layer thickness is achieved.
- Finish the entire surface with two coats of Sigma Varnish Yacht Gloss.

Remark

On bare wood apply at least four layers, including an impregnating layer of Sigma WoodProtect 2in1 Classic Satin clear. Depending on the result objected, an extra layer may be needed.

Instructions for use

Brush

- Recommended brush : brush suitable for solvent-based varnishes
- Thinner : None, is ready for use.
At low temperatures, thinning is sometimes necessary.
If needed, use a maximum of 2% Sigma Thinner 20-02.

Cleaning tools

Sigma Thinner 20-02 or Sigma Thinner 20-05.

Safety precautions

See the material safety data sheet of Sigmavar Yacht Gloss.

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