

CLEAR VARNISH UV EXTRA

Description: One-pack high quality clear varnish based on a polyurethane-modified alkyd resin. Containing UV filters, it gives a highly weather-resistant finish.

Use: As a high-grade topcoat in a varnish system for exterior use on wood above the water line.

PHYSICAL DATA

Appearance: High-gloss finish.

Colour: Colourless.

Solids content: Approx. 45 % by volume.

Theoretical coverage: At a dry film thickness of 35 µm: approx. 12.0 m²/litre.

Practical coverage: Depends on several factors, including shape of the vessel, absorption of substrate, surface roughness, method of application being used and conditions of application.

A guide for spray application: ± 60 % of the theoretical coverage;
If applied by brush: ± 80 % of the theoretical coverage.

Density: Approx. 0.92 kg/dm³.

Drying times:	at 20°C:	at 10°C:
Dry film thickness	35 µm	35 µm
Tack free:	2 h	6 h
Ready to flat:	6 h	24 h
Hard dry:	3 weeks	4 weeks

Recoating time:	Minimum:	6 h	24 h
	Maximum:	2 days	4 days
		(unlimited after sanding)	

The substrate must be dry, clean, grease and dust-free when being recoated.

Packaging: 0.75 litre.

Maximum shelf life: 24 months, provided the material is stored in a dry place at a temperature ranging between 5°C and 40°C in the unopened original packing.



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APPLICATION DATA

Thinning and application: Prior to application, mix paint thoroughly to obtain a homogeneous product. The amount and type of thinner that may be added depends on the application conditions and methods. Notice the following directions:

	Conventional Spray:	Brush:
Thinner:	S.Y. Thinner 600	AK Thinner
Vol.-% (at 20°C):	25-30	0-5
Spray gun fluid tip (mm):	1.1-1.3	--
Working pressure (bar):	2-3	--
Advised dry film thickness (µm):	30-40	30-40
Maximum dry film thickness (µm):	45	45

Equipment can be cleaned in the above thinners or Sikkens Yachtpaints Opløser.

Directions for application: We advise against application by airless spray or paint roller.

Conditions of application:

Air temperature:	5°C-40°C.
Surface temperature:	5°C-40°C
Paint temperature:	5°C-40°C

To achieve sufficient curing, the maximum relative air humidity should not exceed 80 %. The surface temperature must be at least 3°C above the dewpoint to prevent condensation. It is recommended that the paint is not applied under adverse weather conditions. During application and drying in confined and/or small workshops, continuous ventilation is required to extract solvent fumes for health and safety reasons as well as to assist the drying process.

SUITABLE SUBSTRATES Wood, sanded Polygrond or old sanded varnish coats.

Wood: Degrease with Sikkens Yachtpaints Thinner 600 (tropical wood with S.Y. Opløser) and flat with P150-P220-grit sandpaper, remove sanding dust and degrease. Next, apply an initial coat of Clear Varnish UV Extra thinned by approx. 25%. By rubbing (sanding) the first coat immediately after application, the sand dust in the wet paint will fill the pores and grain. Pass a putty knife over the surface to remove excess paint paste. Then apply the subsequent coats of Clear Varnish UV Extra. Flat lightly with P320-P400 grit sandpaper between coats (min.5 coats)



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Note for teak wood: Apply the first coat of the paint system as soon as possible after evaporation of the Sikkens Yachtpaints Oplosser as teak wood contains greasy substances that can give rise to adhesion failure.

- Sand always in the direction of the grain.
- The moisture content of the wood should not exceed 18%.

Polygrond:

Sand the cured Polygrond with grit P280. Remove sanding dust and clean the surface. Apply a minimum of 4 coats Polygrond and finish (after sanding) with a minimum of 2 coats Clear Varnish UV Extra. Polygrond is recommended only for dimensional stable marine plywood and tropical hardwood.

Intact old varnish coatings:

Degrease, sand and clean before recoating.

SANDING INDICATIONS

The gritsize of sandpaper affects the appearance and adhesion of the paintsystems.

For more information we refer to the leaflet "Sanding Indications".

RECOATABILITY

With itself, Yacht Varnish and Interior Varnish Satin.

PAINT SYSTEMS:

For information about paintsystems we refer to the information leaflet "Standard Paintsystem 1 and 2".

For any further technical information, please contact a Sikkens Yachtpaints dealer.



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FURTHER INFORMATION

- Labelling:** Labelling to EC Directive.
- Empty containers:** Containers which have not been cleaned come under the national transport laws. On disposal, they must be labelled as delivered by Akzo Nobel Coatings bv.
- Disposal of remainders:** Remainders of this product must not be disposed of through the Municipal Cleansing Department or dumped without permit. Disposal of remainders must be arranged for in consultation with the authorities.

HEALTH & SAFETY INFORMATION

For transport codes, ventilation and safety regulations see the Material Safety Datasheet and the label.

GENERAL NOTES

The effectiveness of our paintsystems is based on a laboratory research and many years of practical experience. Nevertheless, we cannot accept without prior investigations, any responsibility for the work produced according to these specifications, as the final result also depends on factors beyond our control.

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This datasheet replaces all previous issues. Editing a new version will outdate this P.O. datasheet. When using this datasheet always secure that you have the latest version.

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