

YACHT VARNISH

- Description:** One-pack clear varnish based on a conventional wood oil modified alkyd resin.
- Use:** As a weather-resistant clear varnish for exterior use on wood above the Waterline. Designed for application in several layers.

PHYSICAL DATA

- Appearance:** High-gloss finish.
- Colour:** Colourless.
- Solids content:** Approx. 50 % by volume.
- Theoretical coverage:** At a dry film thickness of 40 µm: approx. 12.5 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. 0.93 kg/dm³.

- | Drying times: | at 20°C: | at 10°C: |
|----------------------|-----------------|-----------------|
| Dry film thickness: | 30 µm | 30 µm |
| Dust dry: | 3 h | 4 h |
| Ready to flat: | 24 h | 36 h |
| Hard dry: | 1 month | 2 months |

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|------------------------|----------|-------------------------|------|
| Recoating time: | Minimum: | 24 h | 36 h |
| | Maximum: | unlimited after sanding | |

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

- Packaging:** Cans of 0.25 litre, 0.75 litre and 2.5 litres.

- Minimum shelf life:** At least 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 is depends on the application conditions and methods. Notice the following directions:

	Conventional Spray:	Brush:
Thinner:	S.Y. M 600	AK Thinner
Vol.-% (at 20°C):	25-30	0-5
Spray gun fluid tip (mm):		--
Pressure feed:	1.3-1.4	
Suck feed:	1.5-1.6	
Working pressure (bar):	3-4	--
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 S.Y. Oplosser.

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

Conditions of application:

Air temperature:	10°C - 40°C.
Surface temperature:	10°C - 40°C
Paint temperature:	10°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 not to apply this product under adverse weather conditions.

If the product is applied and dried in enclosed 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.



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SUITABLE SUBSTRATES	Wood and sanded old varnish coats.
New wood:	<p>Degrease with Sikkens Yachtpaints M600 or S.Y. Oplosser and flat with P150-P220 grit sandpaper. (In case of Tropical hardwood use Oplosser). Dedust and degrease the surface. Next apply an initial coat of Yacht Varnish thinned by approx. 25%. By rubbing, (sanding) the first coat Immediately after application, the sanddust in the wet paint will fill the pores and grain. Pass a putty knife over it to remove excess paint paste. Then apply subsequent coats of virtually unthinned Yacht Varnish. Flat lightly with P320-P360 grit sandpaper between coats (min. 5 layers).</p> <p>Note for teakwood: Apply the first coat of the paint system as soon as possible after evaporation of the Sikkens Yachtpaints Oplosser, because teakwood contains greasy substances which can cause problems with the adhesion of the paint system.</p> <ul style="list-style-type: none">- Sand wood always in the direction of the grain.- The maximum allowed moisture content of the wood starting painting is 18%.
Intact old varnish coatings:	Degrease, sand and clean before recoating.
SANDING INDICATIONS	<p>The gritsize of sandpaper affects the appearance and adhesion of the paintsystems.</p> <p>For more information we refer to the leaflet "Sanding Indications".</p>
PAINT SYSTEMS	<p>For information about paintsystems we refer to the information leaflet "Standard Paintsystem 1 and 2".</p> <p>For any further technical information, please contact a Sikkens Yachtpaints dealer.</p>



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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

See for transportcodes, ventilation and safety regulations our 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.

Edition: 01/2001/V.01

Ref. N° 73.006/8982301