

INTERIOR VARNISH SATIN

Description: One-pack, abrasion-resistant clear satin varnish based on a polyurethane-modified alkyd resin.

Use: As a finish on wooden floors, furniture and cladding of ship's interiors.

PHYSICAL DATA

Appearance: Eggshell gloss

Colour: Colourless.

Solids content: Approx. 40 % by volume.

Theoretical coverage: At a dry film thickness of 30 μm : approx. 13.3 m^2/litre .

Practical coverage: Depends on several factors, including surface roughness, method of application being used and conditions of application.

A guide for spray application: $\pm 60\%$ of the theoretical coverage.

If applied by brush or roller: $\pm 80\%$ of the theoretical coverage.

Density: Approx. 0.92 kg/dm^3 .

Drying times:	at 20°C:	at 10°C:
Dry film thickness:	30 μm	30 μm
Dust dry:	1 h	1½ h
Ready to flat:	12 h	36 h
Hard dry:	12 h	48 h

Recoating time:	Minimum:	8 h	12 h
	Maximum:	unlimited after sanding	

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

Packaging: Cans of 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 depending on the application conditions and methods. Notice the following directions:

	Conventional Spray:	Brush/Short-haired Mohair Roller:
Thinner:	S.Y. Thinner 600	AK Thinner
Vol.-% (at 20°C):	25-30	0-10
Spray gun fluid tip (mm):	1.3-1.4	--
Working pressure (bar):	3-4	--
Advised dry film thickness (µm):	30	30
Maximum dry film thickness (µm):	40	40

Equipment can be cleaned in the above thinners.
Stir the prepared paint regularly to avoid differences in gloss.

Directions for application: We advise against application by airless spray.

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 the paint 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.

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SUITABLE SUBSTRATES	Wood, well sanded Polygrond (grit P280)and Clear Varnish UV Extra.
New Wood:	Degrease with Sikkens Yachtpaints Thinner 600 and flat with P150-P220-grit sandpaper. Dedust and degrease again. Prior to finishing with the topcoats of Interior Varnish Satin, it is advisable to apply first 2 or 3 coats of Polygrond or Clear Varnish UV Extra, depending on the wood texture. If the wood texture is coarse then apply the first coat by rubbing (sanding) the first coat immediately after application. The sand dust in the wet paint will fill the pores and groves. Thin the first coat 25%. Sand between the coat with grit P280.
Polygrond/ Clearvarnish UV:	The Polygrond or Clear Varnish UV Extra must be fully cured. Flat it with grit P280 after degreasing. Polygrond may be applied if a high-build good grain filling paint system in less time is desired.
SANDING INDICATIONS	<p>The gritsize of sandpaper affects the appearance and adhesion of the paintsystem.</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 datasheet. When using this datasheet always secure that you have the latest version.

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