

# SILAMAR

## 1K-PUR boat varnish LH-21

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VFL  
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### Properties

SILAMAR is a high-gloss, filling and completely fog-free alkyd resin paint for exterior and interior use. It results in hard-wearing, viscoplastic and non-yellowing coatings with excellent processing properties such as flow, open time and coverage. SILAMAR is scratch and stain resistant and shows good resistance to water and household chemicals.

### Field of application

For high-gloss and transparent coatings on hard and soft woods such as windowsills, seating furniture, doors, furniture, panelling, toys, boats, etc. and as a clear varnish system of acrylic and watercolour paints. SILAMAR is therefore not suitable for submarine applications.

### Pretreatment

The wood to be treated must be clean, dry (not more than 15 % wood moisture) and free of sanding dust, oil, wax, algae and other impurities. Resinous as well as exotic woods must first be cleaned with Acetone or Cleaning thinner G2. On absorbent surfaces, primer must be applied first, otherwise there is a risk of white staining.

### Processing

Do not use below 5 °C. Spray viscosity 18–25 seconds in DIN-4 cup. An intermediate sanding with grit 180–220 is to be carried out.

### System structure

#### *Interior*

1 x SILACEL nitro hard primer colourless (for absorbent surfaces)  
1–2 x SILAMAR 1K-PUR boat varnish LH-21 colourless

#### *External*

1 x Wood impregnation primer with BLENDAXOL or SILAXOL colourless  
1 x Wood preservative glaze pigmented like OMEGOL® / SILATOP or BLENDAXOL-SUR  
1–2 x SILAMAR 1K-PUR boat varnish LH-21 colourless

### Drying

- ◆ Dust dry after 3–4 hours
- ◆ Firm to the touch after 5–8 hours
- ◆ Recoatable after approx. 12 hours
- ◆ Grindable after about 24 hours  
(depending on the temperature, application quantity, air humidity and absorbency of the substrate)

### Dilution

Synthetic resin thinner or Sangayol (turpentine substitute). For spraying also possible with universal thinner.

### Extensiveness

8–10 m<sup>2</sup> per kg per application, depending on the quantity applied and the condition of the substrate.

### Application

Brush, roller or spray gun.

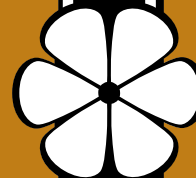
In order to achieve optimum results, it is very important to use the right tools – see KNUCHEL GUIDE on brush and roller qualities. You will find this guide both in the catalogue and on the homepage as an attachment to this product.

### Cleaning

Clean tools immediately after use with paint or cleaning thinner.



Farben



Knuchel

High quality – Top finish

<b>Delivery form</b>	Packages of 5 litres as well as 750ml, 375ml and 125ml.
<b>Shelf life</b>	SILAMAR can be stored for at least 18 months in the well closed original container. Storage beyond this specified period does not necessarily mean that the goods are unusable. However, for quality assurance reasons, it is essential to check the required property values. Store in a cool and dry place.
<b>Viscosity</b>	Slightly thixotropic / 100 seconds DIN 4mm
<b>Density</b>	0,95 ± 0,05 g/cm <sup>3</sup>
<b>Solid content</b>	52 ± 1 %
<b>Binder base</b>	Modified urethane alkyd resins
<b>Gloss level</b>	High Gloss
<b>Colours</b>	Colourless
<b>Registration</b>	CPID 279271
<b>Classification</b>	For information on chemical properties and hazards as well as regulations regarding transport, processing, storage, disposal, etc., please refer to the safety data sheet.
<b>Note</b>	<p>This leaflet is only intended as a reference and non-binding advice. The processing must be adapted to the corresponding conditions. In special cases we recommend to contact our technical service. However, all data and information on the suitability and application of the delivered products do not exempt the processor from carrying out his own tests and trials. A claim for damages for omitted, incomplete or incorrect information is excluded. This applies in particular also if thinners and other products are used in the paint build-up system.</p> <p>Furthermore, we refer to our General Terms and Conditions (GTC) on our homepage.</p>