



## SILICON

Impregnating wood varnish.

7.8

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2 - 2016



### Description

Silicon based Impregnation wood varnish, containing special waxes which protect the wood from dampness, and act as a water repellent. The product is totally absorbed in to the wood, while allowing the surface to breathe and reject moisture. It also protects new wooden surfaces from peeling-off, while at the same time it contains special additives which prevent mould growth on the surface of the varnish.

### Purpose of Use

Coating of new wooden surfaces.

### Product Characteristics

- > High impregnating properties.
- > High performance.
- > Protection against mold.
- > Allows the breathing of the wood.
- > Great resistance against weather changes.
- > Ease of application.

### Shades

It is available in transparent and ready following the twelve shades of Berling fandeck.



### Coverage

Theoretical coverage 6 - 8m<sup>2</sup>/lt.

### Recommended Painting Systems

Old and new surfaces. / Recommended fields of application:

<b>Old previously painted surfaces</b>	
Varnished non absorbent surfaces	<b>The product is not suitable for application on wooden non-absorbent surfaces.</b>
<b>Preparation</b>	In case of application, we should first mechanically remove old varnishes with Berling's "Paint Remover", using a spatula and a fine wire-brush. Then we rub the surface to make it even.

**Packing:**  
0,75lt / 2,5lt



**Bases:**  
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Stir well  
before use



**Coverage:**  
6 - 8m<sup>2</sup>/lt



**Drying time:**  
6 to 8 hours



**Application:**  
With roller



**Application:**  
With brush



<b>Final Coat</b>	We apply Silicon in two coats, transparent or coloured. For indoor use, apply 1 - 2 coatings and for outdoor use, apply 2-3 coatings. It is suggested the use of brush in order to achieve the highest penetration of the product into the wood. If required, SILICON can be overcoated with one of the following wood varnishes: Ilma, Super Yacht Varnish or Nature Wood Varnish in two coats.
<b>New Surfaces</b>	
<b>Preparation</b>	Remove dust, pieces of wood, etc, by sanding well with a sandpaper.
<b>Protection</b>	For the protection of the surface and prevention against wood fungus, insects, parasites, mold and blue stains, the application of a FUNGISTOP (wood protective stain) is necessary on two coats. Two coats of SILICON, allowing 4 - 6 hrs interval between applications. It is suggested the use of brush in order to achieve the highest penetration of the product into the wood.
<b>Final Coat</b>	We apply SILICON in two coats, transparent or coloured, applied in the same direction of the natural grains of the wood. For indoor use, apply 1 - 2 coatings and for outdoor use, apply 2-3 coatings. It is suggested the use of brush in order to achieve the highest penetration of the product into the wood. If required, Silicon can be overcoated with one of the following wood varnishes: Ilma, Super Yacht Varnish or Nature Wood Varnish in two coats.

**Packing:**  
0,75lt / 2,5lt



**Bases:**  
—



Stir well  
before use



**Coverage:**  
6 - 8m<sup>2</sup>/lt



**Drying time:**  
Touch dry after  
2 to 4 hours



**Application:**  
With roller



**Application:**  
With brush



## Application conditions

The application is carried out at temperatures above 10°C and maximum relative humidity conditions 80%.

## Application Instructions

The surface to be painted must be dry and clean from wax, grease, etc. Apply by brush or roller on new unpainted wood. To achieve good penetrating results, follow the direction of the wood's grains. For indoor use, apply 1 - 2 coatings and for outdoor use, apply 2 coatings. The product is ready for use and no thinning is required.

## Technical Characteristics

<b>Solids</b>	19% ± 1, depending on the shade.
<b>Specific Gravity</b>	0,83 ± 0,02gr/cm <sup>3</sup> (ISO 2811).
<b>Viscosity</b>	14 - 18 sec, 25°C (Flow cup 4 DIN 53211).
<b>Coverage</b>	6-8m <sup>2</sup> /lt, depending on the kind and the absorptivity of the surface.
<b>Thinner</b>	White Spirit.
<b>Thinning</b>	The product is ready to be used without being thinned.
<b>Application</b>	By brush or roller.
<b>Drying time</b>	Touch dry after 6 to 8 hours (the drying time might be elongated according to temperature and humidity conditions).
<b>Recoating</b>	Reapply after 24 hours (recoating time might be elongated according to temperature and humidity conditions).

## ACCORDING TO 2004/42/EK

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PHASE II, Subcategory h, binding primers, value limit VOC = 750gr/lt,  
max VOC value = 750gr/lt (ready to use product).

### Storage

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Keep cans air - tight sealed and protect from frost. For long - term storage the product is best kept indoors in order to avoid its exposure to very low or very high temperatures as well as high humidity conditions. Storage away from oxidative agents, alkalis or acids and probable sources of ignition.

### Instructions precautions - Prevent environmental impact

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Empty containers and paint remains must be handled as hazardous waste, according to valid legislation and the local regulations. For further information, ask for the Material Safety Data Sheet.

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**Application:**  
With brush



*All the above information is based on laboratory tests and long-term experience of the company's scientific personnel. Product quality is guaranteed by our operational system, which is based on the requirements of ISO 9001 and ISO 14001 Standards and EMAS Regulation. As producers we don't take any responsibility for any damage that may caused in cases that the product hasn't been used for the appropriate application and according to the application instructions.*

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