

# SILICON

## Impregnating wood varnish

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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 into 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.



**Stir well before use**



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



**Drying time:**  
Between 6 to 8hrs.



**Thinning**  
ready to use



**Paint:**  
Roller



**Paint:**  
Brush

### Product Characteristics

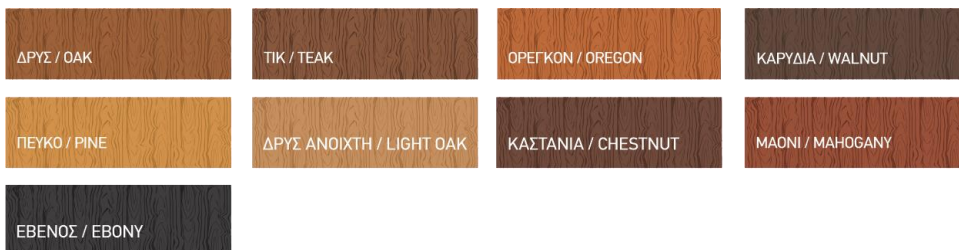
- High impregnating properties.
- High performance.
- Protection against mold.
- Allows the breathing of the wood.
- Great resistance against weather changes.
- Ease of application.

**Packaging:**  
0,75lt  
2.5lt



### Shades

It is available in transparent and ready following the nine shades of Berling fan deck.



The above information is based on laboratory audits and the long experience of the scientific staff of the company. The quality of the product is guaranteed by the company's operating system which is based on the requirements of ISO 9001, ISO 45001, ISO 14001 and the EMAS regulation. As producers we are not responsible for any damage or damage caused in the event that the product has not been used for the appropriate application and in accordance with its instructions for use.

## Technical Specifications



<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>Solvent</b>	White spirit
<b>Thinning</b>	The product is ready to use, and no thinning is required.
<b>Application</b>	By brush or roller
<b>Drying</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).



### Storage

Storage indoors to avoid exposure to high or low surfaces and high humidity conditions. Avoid sources of heat, radiation, static electricity, and storage near food. Keep container tightly closed. After opening can use product in a short period of time. Close the can well.



### Safety Instructions- Prevention of environmental harming

Minimize paint wastage by estimating how much paint you will need. Recover unused paint for reuse. Reuse of paint can effectively minimize the products life cycle environmental impact. Clean tools with white spirit. Do not put residual paint down the kitchen sink or toilet or into a waste bin. Empty cans with paint residues should be handled the same way and disposed according to local Regulations. You should ask for advice for the local government section responsible for the collection and disposal of waste. Ask for advice from an authorized body for waste recovery. Wear protective gloves and goggles/ Do not eat, drink when handling the product. Wash wand with suitable cleaning products. Keep out of reach of children. Always read the can label before use.  
**For further information ask for the Safety Data Sheet of the product.**

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## Recommended application systems

### Interior/ Exterior walls

- New surfaces / Already painted surfaces

Varnished non-absorbent surfaces.

The product is not suitable for application on wooden nonabsorbent surfaces.

#### Preparation

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. 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.

**BERLING PAINT  
REMOVER**

**FUNGISTOP**  
2 COATS

#### Final coat

Apply SILICON in two coats, transparent or colored, 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 in two coats.

**SILICON**  
1-2 COATS (INDOOR)  
2-3 COATS (OUTDOOR)

**ILMA or SUPER YACHT  
VARNISH**  
2 COATS

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