

**BIOFA VERNILUX Decklack innen  
weiß, seidenmatt  
(Finishing Varnish, white, satin finish  
for inside)  
Art. No. 1115**

## Properties

Satin finish, dirt- and water-repellent varnish with good coverage made from natural raw materials for inside. It is characterized by its limited scratch resistance and good adhesion and complies with the toy standard EN 71, part 3, and DIN 53160 (perspiration and saliva proof).

This varnish is suitable for all wood inside, e.g. windows, doors, railings, furniture, interior fittings, children's toys, etc. and for metal after priming with BIOFA Rostschutzfarbe (Anticorrosive Paint) 1220.

Do not use for radiators and heating pipes!

**Attention!** The natural oils used may cause yellowing if applied to surfaces with little exposure to light or exposed to thermal stress.

## Ingredients

Aliphatic hydrocarbons, titanium dioxide, colophony resin ester, barite, saffron oil, talcum, ricin oil, salicylic acid, succinic acid ester, cobaltbis(2-ethylhexanoate), zirconium- and zinc octoate-drying agent, antioxidants, swelling clay.

## Instructions for use:

### 1. Pretreatment

Substrates must be dry (max. wood moisture 12%) and free of soiling. Remove old, brittle paint coats. Wash wood containing tannic acid (e.g. oak) and tropical wood (e.g. framire) with

white spirit or ethyl alcohol thoroughly and allow to dry before initial treatment. Final sanding as of P 120!

### 2. Basecoat

Prime wood with BIOFA Vorstreichfarbe (Undercoat) 1210. Prime metal components with BIOFA Rostschutzfarbe (Anti-corrosive Paint) 1220. Allow to fully dry and sand with P 180-220.

### 3. Intermediate coat and topcoat

Stir well before use. If necessary, dilute with BIOFA Verdünnung (Thinner) 0500. Evenly apply 1-2 thin layers with brush, roller or paint sprayer. If necessary, carry out fine intermediate sanding with P 220.

**Important: Mix containers from different charges before using them! Implement preliminary tests. Provide optimum fresh air circulation during product application and drying! Do not apply below 16 °C.**

### 3a. Spray application

Cup spray gun: Dilute varnish up to max. 10 % with BIOFA Verdünnung (Thinner) 0500 (efflux time in DIN 4 mm cup: approx. 80-100 seconds). 1.5-1.7 mm spray nozzle, 3-3.5 bar spray pressure.

### 4. Cleaning of tools

Clean with BIOFA Verdünnung (Thinner) 0500 immediately after use. Soiled thinner can be reused by allowing the sediment to settle and decanting the clean thinner.

The data and information provided in this technical data sheet are binding. If it is necessary to deviate from these provisions, the Application Technology Department of BIOFA must be consulted in advance. The general rules for structural engineering are to be complied with. With publication of this technical data sheet all previous data sheets regarding this product are no longer valid.

## Drying

This coloured varnish is dust dry after 4-6 hours, sandable and recoatable after 16-24 hours, fully dry after 7 days (20°C/50-55 % rel. air humidity).

## Consumption/spreading rate per coat

Brush/roller: 80-100 ml/m<sup>2</sup> or 10-12 m<sup>2</sup>/l.  
Spray equipment: 50-70 ml/m<sup>2</sup> or 14-20 m<sup>2</sup>/l.

## Storage

Cool, dry and sealed airtight. Skin formation is possible. Remove skin prior to use. If necessary, sieve varnish!

## Container size

0.25 l / 0.75 l / 2.5 l / 5.0 l metal containers.

## Safety instructions

**Attention!** Store work materials such as rags, sponges, clothes, sanding dust, etc. soaked with the product in airtight metal containers or rinse, spread and allow to dry on non-inflammable surface (**risk of spontaneous ignition!**). The product itself is not self-igniting, but is flammable. Contains cobaltbis(2-ethylhexanoate). Can cause allergic reactions. Keep out of reach of children. Do not inhale vapours or aerosol. Use only in well-ventilated areas. When heating or spraying, explosive vapour/air mixtures can be generated! Wear fine dust mask when sanding or grinding. Wear adequate skin protection when preparing! There may be an odour typical of the natural raw materials!

## Disposal

Dispose of liquid product residues at collection points for old paints/varnishes or dispose of according to locally applicable legal regulations. Small quantities of residue and soaked work materials can be disposed of along with domestic waste after drying.

Only recycle cleaned or completely empty packaging with cured deposits or dispose of according to locally applicable legal regulations! Uncleanable packaging and packaging not emptied appropriately must be treated and disposed of like the product!

## VOC identification according to Deco-paint Directive and ChemVOCFarbV (Directive on the limitation of emissions of volatile organic compounds due to the use of organic solvents in paints and varnishes):

EU limit value (cat. A/d): 300 g/l (2010)  
1115 contains max. 290 g/l VOC.

Waste Incineration Ordinance[AVV]-  
Waste Code according to European  
Waste Catalogue: 08 01 12\*

GISCODE: M-LL 05

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