

BIOFA Universallack transparent (Universal Varnish, transparent)

Art. No. 2050 glossy

Art. No. 2051 satin finish

Properties

BIOFA Universallack is a colourless varnish made from natural raw materials for wooden and cork floors, furniture, interior fittings and children's toys. It is durably elastic, abrasion-resistant, dirt- and water-repellent. Complies with the standards EN 71, part 3 (safety of children's toys), and DIN 53160 (perspiration- and saliva-proof). BIOFA Universallack is not suitable for surfaces that are exposed to permanent wetness.

Ingredients

Aliphatic hydrocarbons, ricinen oil, colophonium resin ester, micro wax, swelling clay, succinic acid ester, cobalt, zirconium and zinc octoate dryer, antiskinning agent.
2051 also contains: silicon dioxide.

Instructions for use:

1. Pretreatment

Substrates must be dry (**max. 12% wood moisture**), clean and free of grease. If necessary, clean with BIOFA Verdünnung (Thinner) 0500. Remove old coatings entirely. Pre-sand floors with 120 grit abrasive mesh, furniture surfaces with grit size 180-240. Plastic pads can also be used. The adhesive applied to newly laid floors must be fully cured before treating the surface.

2. Basecoat

Stir well, dilute with approx. 20-30 % of BIOFA Verdünnung (Thinner) 0500 and apply thinly and evenly by brush, roller or spraying. Alternatively, Parkettöl spezial lösemittelfrei (Special Parquet Oil, solvent-free) 2059 can be used or BIOFA Universal Hartgrund (Universal Hard Primer) 3755 on dark wood or also on light-coloured wood to bring out its natural grain and colour. The minimum floor temperature is 16°C during the application. Carry out intermediate sanding after 16-24 hours of drying. Floors: 150-180 grit abrasive mesh, furniture: grit size 180-240 abrasive paper or suitable plastic pads.

3. Intermediate coat and topcoat

Apply BIOFA Universallack 1-2 times thinly and evenly depending on the requirements and stress level. If necessary, dilute 5-10%. If necessary, carry out intermediate sanding prior to applying the topcoat. Always apply 2 coats of BIOFA Universallack (Universal Varnish) to wooden and cork floors as topcoat.

Important: Carry out a preliminary test! Provide optimum fresh air circulation during product application and drying!

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.

5. Cleaning and maintenance of surfaces

Use a soft, dry cloth. Damp cleaning with a pH-neutral, mild cleaner in hand-hot water. We recommend NACASA Universalreiniger (Universal Cleaner) 4010 (BIOFA dealer).

See special cleaning and maintenance instructions for floor surfaces!

Spraying data

Spray application: Cup spray gun with compressed air: 1.5-1.8 mm nozzle, 2.5-3.5 bar spray pressure.

Airless: 0.23-0.28 mm nozzle, 4 bar spray pressure, 80 bar material pressure.

However, the values must be adapted to the respective device systems. Do not apply by hot spraying!

Drying:

Dust dry after 6-12 hours, sandable and re-coatable after 16-24 hours. Floors are resistant to minor stress after 3 days and fully stress-resistant after 10-14 days (20 °C / 60 % rel. air humidity). Heat and good air circulation accelerate the drying process. Low temperatures, high air humidity and wood containing tannic acid, tropical wood and cork may slow down the drying process.

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Consumption/spreading rate

1st coat: 80-90 ml/m² or 11-12.5 m²/l.
2nd and 3rd coat: 70-80 ml/m² or 12.5-14 m²/l
each. Strongly depends on the substrate's absorbency.

Waste Code according to European Waste Catalogue: 08 01 11*

GISCODE: M-LL05

Storage

Cool, dry and sealed airtight. Skin formation is possible. Remove prior to use and, if necessary, sieve the varnish.

Container size

0.25 l / 0.75 l / 2.5 l / 10 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 inflammable. Keep out of the reach of children. Do not breathe vapour/aerosol. Only use in well ventilated areas. "Contains cobalt compounds. May cause allergic reactions!" **Wear fine dust respirator when sanding!** The natural raw materials used may cause type-specific odour!

Disposal

Dispose of liquid product residues at collection points for old paints/varnishes or dispose of according to locally applicable 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 Decopaint 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/e): 500 g/l (2007)

2050 contains max. 490 g/l VOC.

2051 contains max. 480 g/l VOC.

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