

BIOFA Hartwachsöl (Hard Wax Oil) Art. No. 2055

Properties

BIOFA Hartwachsöl is a high-quality product made from natural raw materials. It freshens the natural texture, emphasises the shade of the treated substrates and provides an open-pored, silk gloss, hard-wearing, water-repellent and largely yellowing-resistant finish. Suitable for the rational, time-saving surface treatment of all absorptive wooden and cork floors, wooden material boards such as Sterling OSB boards and interior fittings. Suitable as primer and as topcoat. Ideal topcoat for BIOFA Coloröle (Colour Oils).

Ingredients

Aliphatic hydrocarbons, ricinen oil, colophonium resin ester, safflower oil, silicon dioxide, micro wax, aluminium silicate, zinc oxide, swelling clay, **succinic acid ester**, cobalt, zirconium and manganese octoate dry, **antiskinning agent**.

Instructions for use:

1. Pretreatment

Substrates must be dry (max. 12% wood moisture) and clean. If necessary, clean with BIOFA Verdünnung (Thinner) 0500. Carry out final sanding with grit size 120 or abrasive mesh for floors and with grit size 180-240 for furniture and interior fittings. Suitable plastic pads can also be used.

2. Basecoat

Stir BIOFA Hartwachsöl well. Apply thinly and evenly by short-pile velour roller and distribute in floor areas. Apply to furniture and interior fittings by brush, roller or spraying. Apply the first coat of oil liberally to highly absorptive or large-pored substrates such as cork, beech, alder, etc. and distribute evenly. Alternatively, prime with solvent-free BIOFA Parkettöl spezial (Special Parquet Oil) 2059 to improve penetration and reduce solvents. Do not apply below 16°C.

3. Intermediate coat and topcoat

Carry out intermediate sanding (150-180 grit abrasive mesh for floors, grit size 240 for interior fittings) after approx. 24 hours and remove dust thoroughly. Apply the second coat.

Another application of BIOFA Hartwachsöl may be necessary in the case of highly absorptive surfaces such as cork parquet, etc.

Apply 2 coats of BIOFA Hartwachsöl as final treatment for BIOFA Coloröle (Colour Oils). Carry out intermediate sanding after applying the first coat of BIOFA Hartwachsöl. Tint both coats of BIOFA Hartwachsöl with up to max. 10% of Coloröl (Colour Oil) used for tinting the floor.

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

Spraying data

Cup spray gun with compressed air: 1-1.5 mm nozzle, 2-3 bar spray pressure.

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

These data are average values and must be adapted to the respective device system.

4. Cleaning of tools

Clean with BIOFA Verdünnung (Thinner) 0500 immediately after use.

5. Cleaning and maintenance of surfaces

Clean with 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 maintenance instructions for floor surfaces!

Drying

Dry after 12-16 hours (20°C / 50-55 % rel. air humidity). Intermediate sanding and application of the second coat after 24 hours. Resistant to minor stress after 3 days, fully stress resistant after 7-14 days.

Low temperatures, high air humidity and use on wood containing tannic acid, tropical wood and cork may slow down the drying process.

Consumption/spreading rate

1st coat: approx. 60 - 80 ml/m² or 12 - 16 m²/l.
2nd and 3rd coat: 45 - 60 ml/m² or 16 - 20 m²/l each.

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.

Consumption and spreading rate strongly depend on the substrate's absorbency and nature.

Storage

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

Container size

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. "Contains cobalt octoate and butanonoxime. May cause allergic reactions." Toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment. Keep out of the reach of children. Do not breathe vapour/aerosol. Only use in well ventilated areas. Avoid release to the environment. Refer to special instructions/safety data sheets. Provide for sufficient skin protection during the application. **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)

2055 contains max. 470 g/l VOC.

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

GISCODE: Ö 60

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.