

BIOFA Hartwachs lösemittelfrei (Hard Wax, solvent-free) Art. No. 2061

Properties

Solvent-free, colourless hard wax. Provides a water- and dirt-repellent, moisture-vapour permeable, hard-wearing, antistatic, silk gloss finish. Complies with the standards EN 71, part 3 (safety of children's toys), and DIN 53160 (perspiration- and saliva-proof). Suitable for wooden and cork floors, furniture and interior fittings. Do not use on waxed surfaces without oil primer because there is a risk of stain formation! The wax layer may contain a tint typical of linseed oil.

Ingredients

Linseed oil, ricinen oil, beeswax, carnauba wax, candelilla wax, colophonium resin ester, cobalt, zirconium and manganese octoate dryer.

Instructions for use:

1. Pretreatment

Substrates must be dry (**wood moisture below 12%**) and free of greasy soiling. If necessary, clean. First pretreat appropriately with BIOFA Parkettöl spezial (Special Parquet Oil) 2059, BIOFA Möbelöl (Furniture Oil) 2049 or BIOFA Universal Hartgrund (Universal Hard Primer) 3755 until the surface is saturated to obtain a hard-wearing, even and stainless finish. Observe technical data sheets of these products!

The minimum surface temperature is 16°C during the application.

2. Application

Remove skin. Apply small dabs of the required amount of wax onto the surface by spatula, distribute with a lint-free, solid cloth or a white polishing pad, rub in and polish. Make sure that the wax is distributed evenly. It is recommended to use a disc polishing machine in floor areas. Repeat the process on highly stressed surfaces. Renewed polishing after approx. 12 hours of drying time increases the gloss level of the finish.

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

2a. Hot spray application

The solvent-free hard wax can also be applied by hot wax spray gun. The melting and application

temperature amounts to approx. 85°C. Air atomising and material flow must be adjusted such that a closed, even spray film is obtained. Depending on the model we recommend a nozzle diameter of 0.8-1.5 mm. Apply wafer-thin layers of wax only, rub in with a cloth or a white pad and polish. Rotating disc wheels with suitable polishing pads, rotating brushes with sisal/leather belts, etc. can also be used. Apply a second layer, if necessary.

After spraying, rinse and clean system and devices with BIOFA Verdünnung (Thinner) 0500 or salad oil.

It is absolutely necessary to carry out preliminary tests!

3. Cleaning of tools

Clean with BIOFA Verdünnung (Thinner) 0500 before material dries up. Salad oil is also suitable for cleaning hot spray guns and for bridging standstill periods.

Drying

The drying time amounts to approx. 6 hours (20°C/ 50-55 % rel. air humidity). Floors can be carefully walked on the next day. Fully dry and fully stress-resistant after 7-10 days.

Cleaning, maintenance and reconditioning

Only clean dry the first 10-14 days. Damp cleaning with NACASA Universalreiniger (Universal Cleaner) 4010. Maintenance with NAPLANA 2085 or NAPLANA Plus antirutsch (antislip) 2086. See cleaning and maintenance instructions. Recondition worn surfaces with BIOFA Hartwachs lösemittelfrei 2061.

Consumption/spreading rate per coat

8-10 g/m² or 95-120 m²/l.

Storage

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

Container size

200 ml / 1 l / 2.5 l metal containers.

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.

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. Keep out of the reach of children. Only use in well ventilated areas. "Contains cobalt octoate. May cause allergic reactions." **Wear fine dust respirator when sanding!** The natural raw materials used may cause type-specific odour!

Disposal

Dispose of large amounts of pasty product residue 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/f): 700 g/l (2007)
2061 contains 0 g/l VOC.

GISCODE: Ö 10

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

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