

BIOFA Coloröl lösemittelfrei (Colour Oil, solvent-free) Art. No. 2110 and 2111

Properties

Coloured, solvent-free oil-wax mixture made from largely natural raw materials. BIOFA Coloröl provides a resistant, moisture-vapour permeable and antistatic finish. It is perspiration- and saliva proof according to DIN 53 160 and complies with the standard for toys EN 73, part 3.

The oil is suitable for most absorptive furniture, interior fittings and parquet floors inside such as wooden parquet, three-layer boards, FU boards, MDF and OSB boards and cork. Colour oil can contain small amounts (up to 2%) of solvents (aliphatic hydrocarbons) depending on the colour.

Ingredients

Linseedoil, wood oil preparation, sunflower oil, colophony resin ester, pigments depending on colour, may contain aliphatic hydrocarbons, microwax, zinc soap, succinic acid ester, cobalt-bis(2-ethylhexanoate), zirconium-calcium-and manganeseoctoate-drying agent, antioxidants.

Instructions for use:

1. Pretreatment

Substrates must be dry (max. 12% wood moisture), absorptive, free of soiling and grease and joint-free. Fill and surface joints > 0.5 mm before use. Remove soiling and clean highly oily or resinous wood with BIOFA Verdünnung (Thinner) Art. No. 0500, if necessary. Remove old coatings entirely. Sand thoroughly in 3 steps from coarse P 80 to fine P 120. Final sanding of floors with 120 –180 grit abrasive mesh, of furniture with P 180- 240. Always sand OSB boards (see floors). Sand surfaces until homogenous (always use the same grit size). Avoid sanding marks because they will show!

2. Application

Cork Parquet:

The following colour oils are suitable for cork surfaces:

Copper brown	2110-09
Grey brown	2110-20
Yellow	2110-21

Red	2110-22
Beige	2110-23
Orange	2110-24
Pastel orange	2110-25
Pastel turquoise	2110-26
Pastel blue	2110-27
White green	2110-28
Emerald green	2110-29
Green	2111-11
Capri blue	2111-12
Signal blue	2111-13
Black brown	2111-14

Apply BIOFA Coloröl very thinly and evenly by felt paint roller (BIOFA Art. No. 009924) applying moderate pressure and using cross-coat technique. Ensure uniform colour effect on the entire surface. Absorb excessive colour oil by roller. No greasy stains must remain on the surface. Allow surface to dry overnight.

Solid wood and wooden board materials:

There are several possibilities:

For larger surface areas such as hallways and parquet floors, work with a felt paint roller (BIOFA Art.-Nr. 009924), a rubber wiper (BIOFA Art.-Nr. 009972) or a double bladed spreader. Using the felt paint roller, evenly apply the colour oil in a diagonal pattern. When using the rubber wiper or a double bladed spreader, do not put any puddles of colour oil on the floor and then spread them out. Instead, work one row at a time. Run the rubber wiper or double bladed spreader across the floor without setting it down. In the case of hallway floors with joints, the joints should be smoothed over with a flat brush. The oil should have penetrated the substrate evenly after 1 hour. The surface will look matt. Watch out for glossy patches and distribute the excessive oil to still absorptive patches by rubber wiper or remove. Then buff the entire surface evenly with a single-disc machine and a white pad. The reaction time depends on the temperature and air humidity. **Carry out a finger test!** The oil must not become sticky but it must still be possible to distribute it easily.

Small surfaces: Apply the colour oil thinly and evenly by sponge, brush or cotton cloth!

Furniture surfaces: It is recommended to apply the oil by spraying with a cup spray gun (1.5-1.7 mm nozzle, 2.5-3 bar spray pressure) especially when treating frame components, profiled

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.

wooden components or coarse-pored wood that shall have a uniform finish. Best results are obtained with a hot spray gun (65°-72°C, 1.2 mm nozzle, 2-2.5 bar spray pressure). Spray on several thin layers of colour oil until the wood is evenly tinted. When applying the correct amount of oil and setting the spray gun appropriately, it is not necessary to rework and distribute the excessive oil. The position of the coloured pigments no longer changes which ensures an even, uniform finish. The oil should have penetrated the substrate evenly after 1 hour. The surface will look matt. Slightly rub in the excessive oil at glossy patches with a white pad or an absorptive cloth, or remove.

Important! Do not apply the product below 16°C. It is absolutely necessary to carry out a preliminary test! Provide optimum fresh air circulation during product application and drying!

3. Further or final treatment

Hard-wearing finishes are obtained by further or final treatment with BIOFA Universal Hartöl (Universal Hard Oil) Art. No. 2044 or BIOFA Hartwachsöl (Hard Wax Oil) Art. No. 2055. These oils should be tinted with 10% of colour oil used before in order to keep the brilliance of the colour oil shade and to prevent yellowing.

Floors and furniture surfaces should be given a final treatment with 1-2 coats of Hard Wax Oil.- No. 2055 or Universal Hard Oil Art.-No.: 2044 depending on the degree of use (for use and surface care for these oils, see their technical data sheets as well as BIOFA care instructions)

4. Cleaning of tools

Clean tools with Verdünnung (Thinner) Art. No. 0500 immediately after use.

Drying

Dry and recoatable after 16-24 hours (20°C / 50-55% rel. air humidity). Resistant to minor stress after 3 days, fully stress-resistant after 7-10 days.

Consumption/spreading rate per coat

20-30 ml/m² or 30-50 m²/l depending on the substrate's absorbency and nature.

Storage

Cool, dry and sealed airtight. Skin formation is possible. Remove before use and, if necessary, sieve oil.

Container size

0.375 l / 0.75 l / 2.50 l / 10.00 l metal containers.

Safety instructions

Work materials and clothes soaked with product should be stored in an airtight metal container or wet down and spread out to dry on a non-flammable surface **-(danger of self-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 vapour/aerosol. Only use in well-ventilated areas. When heating or spraying, explosive vapour/air mixtures can be generated! Use adequate skin protection during preparation. Wear a fine dust mask when sanding or grinding! There may be an odour typical of the natural raw materials!

Disposal

Dispose of liquid 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 (2010)

2110-2111 contains max. 20 g/l VOC.

GISCODE: Ö 20

Waste Incineration Ordinance[AVV]-

Waste Code according to European Waste Catalogue: 08 01 12*

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.