

## BIOFA Color Oil, solvent-free Item no. 2110 and 2111

### Properties

Colored natural oil-wax blend made from sustainable raw materials. BIOFA Color Oil results in a durable, diffusion-capable, and anti-static finish. The oil is suited as a primer for most absorbing furniture, interior built-in, and parquet surfaces for indoor applications, such as wood parquet, three-layer panels, FU panels, MDF and OSB panels, and cork.

BIOFA Color Oil can be top-coated with all BIOFA oils.

Meets the requirements of the parquet standard DIN EN 14342

DIBt approval number: Z-157.10-104

### Ingredients

Linseed oil, modified ricin oil - colophony resin blend, wood oil - linseed oil blend, pigments depending on hue, alumina, zinc oxide, micro-wax, swelling clay, wetting agents, anti-foaming agents, cobalt-polymer drying agent, antioxidant, calcium and manganese drying agents.

### Processing steps:

#### 1. Preparation

Substrates must be dry (max. moisture content: 12%), absorbent, free of dirt, joints, and grease. Filler all gaps > 0.5 mm. Start by cleaning dirt buildup, and woods with high oil or resin content with BIOFA Thinner, item no. 0500. Remove old paint coats down to the pores. Sand thoroughly in three steps from rough 80 grit to fine 120 grit. Final sanding on floors with 120 - 180 screen, 180 - 240 grit on furniture. Always surface sand OSB panels. Avoid sanding marks since these will bleed through!

#### 2. Application

##### Cork parquet:

The color oils suited for cork surfaces are:

copper-brown	2110-09
gray-brown	2110-20
yellow	2110-21
red	2110-22
beige	2110-23

orange	2110-24
orange pastel	2110-25
turquoise pastel	2110-26
blue pastel	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 a very thin, even coat of color oil with felt varnish roller ( BIOFA Article No. 009924 ) in a crosswise pattern under medium pressure. Maintain a uniform color rendering. Collect excess color oil with roller. Do not leave saturated areas behind.

##### Solid wood and wood panel materials:

There are several available options in this case:

**On rough surfaces**, such as hallway and parquet floors, always work with felt varnish roller (BIOFA item no. 009924), a rubber squeegee (BIOFA item no. 009972) or a double-edged trowel. Apply a thin and even coat of the color oil in a crosswise pattern using a felt varnish roller. When using the rubber squeegee or double-edged trowel, apply and distribute a small puddle of color oil on the floor. This should be done by laying run next to run. Guide the rubber squeegee or trowel across the floor without lifting. In hallways, the gaps should be brushed out with a brush or whitewash brush!

After max. 20-30 minutes, evenly pad the entire surface with a floor buffing machine with a white pad. The penetration time can be shorter or longer, depending on the temperature and ambient humidity.

**On furniture surfaces**, we recommend spraying the material with a cup gun (nozzle: 1.5-1.7mm, spray pressure: 2.5-3 bar), especially when treating frame elements, profiled wood elements, or rough-pore wood, and the finish surface needs to be smooth. The best results are achieved with a hot spray gun (65°-72°C, nozzle: 1.2mm, spray pressure: 2-2.5 bar).

The information and instructions in the technical leaflet are binding. Prior consultation with the application engineering department of BIOFA is required if a deviation from these specifications is necessary. The generally accepted construction engineering practices must be observed. All previous information is null and void after the publication of this leaflet.

**On small surfaces**, apply a thin and even coat of color oil with a brush or cotton rag!

The entire oil finish is always padded with a white pad after 20-30 minutes.

**Important: Test before use! Ensure sufficient fresh air circulation when processing and drying! Do not use below 16°C.**

### 3. Continuing or finish coating

Depending on traffic load, enduring finishes are maintained by applying 1-2 coats of BIOFA Hard Wax Oil, item no. 2055 or BIOFA Universal Hard Oil, item no.: 2044 (see the technical leaflets and the BIOFA care instructions for processing and finish maintenance for these oils).

Color the hard wax oils with the previously used color oil to maintain the brilliance of the color wax hue and to counteract subsequent yellowing.

### 4. Equipment cleaning

Immediately clean processing equipment after use with BIOFA Thinner, item no. 0500.

### Drying

Dry and ready for overcoating after 16-24 hrs. (20°C/ 50-55% rel. humidity). Limited use after 3 days, unrestricted use after 7-10 days.

### Consumption/yield per coat

Construction codes (DIBt) require the application of 1 x 20 g/m<sup>2</sup> or 20 ml/m<sup>2</sup> BIOFA Color Oil solvent-free 2110-11.

Depending on the absorption and condition of the substrate, the average consumption/yield generally ranges between 20-30 ml/m<sup>2</sup> or 30-50 m<sup>2</sup>/l.

### Storage

Keep cool, dry and properly sealed. May form skin. Remove before next use and screen oil as needed.

### Container

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

### Hazard warnings

Poisonous for water organisms with long-term effect.

### Safety instructions

Store processing materials and clothing soaked with product in air-tight metal containers, or soak in water, then spread out and allow to dry on non-combustible ground —**(auto-ignition risk!)** The product itself is not auto-ignitable. Keep away from children. Read label before use. WHEN INGESTED: Immediately call POISON INFORMATION CENTER or get medical help. When sprayed, ensure adequate vacuum collection and respiratory protection. Do not inhale vapor/aerosol. Only use in properly ventilated areas. Ensure adequate skin protection when processing. Wear fine particulate mask when sanding! Avoid release into the environment. The natural ingredients may generate an odor typical for the product!

### Disposal

Deposit liquid product leftovers at collection point for old paints/old varnishes, and/or dispose in compliance with local statutory regulations. Minor leftovers and soaked processing materials can be disposed in the household waste after drying out.

Only recycle fully emptied and cleaned containers. Not completely emptied and cleaned containers must be treated and disposed like the product!

German Waste Classification Directive [Abfallverzeichnis Verordnung - AVV] waste code iaw. European waste classification: 08 01 11\*

### VOC labeling iaw. Decopaint directive and ChemVOCFarbV:

EU threshold (Cat. A/f): 700 g/l (2010)

2110-2111 contain max. 1 g/l VOC

GIS CODE: Ö 10+

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