INTERIOR

BIOFA

Item no.
2110

Color Oil

solvent-free

375 ml - 1 l - 2,5 l - 10 l





Colored primer for floors, furniture, interior finishing and toys. For absorbent surfaces made of wood, cork, three-layer boards, FU, MDF and OSB boards.

- **Crystal Clear Ingredient Declaration (www.biofa.de)**
- **Low-emission ***
- **Made with natural raw materials ****
- **95% renewable and mineral ingredients ****
- **transparent colored**
- **Diffusible and antistatic**
- **Meets DIN 53160 (perspiration and saliva color fastness)**
- **Meets the parquet standard DIN EN 14342**
- **complies with the requirements for QNG-Ready, Qualification for KfW funding for "climate-friendly residential building/non-residential building"**

CERTIFIED SUSTAINABLE PRODUCT
SHI PRODUCT PASSPORT
SENTINEL HOLDING INSTITUT
www.sentinel-holding.eu/pruefkriterien

BIOFA
Naturprodukte
W. Hahn GmbH
Z-157.10-104
Emissionsgeprüftes Bauprodukt nach DIBt-Grundsätzen

ÉMISSIONS DANS L'AIR INTÉRIEUR*
A+
A+ A B C
RAUMLUFT EMISSIONEN*
* Angaben zum Emissionsgrad flüchtiger Stoffe in der Raumluft, die beim Einatmen ein Toxizitätsrisiko darstellen, auf einer Skala von A+ (sehr geringe Emissionen) bis C (hohe Emissionen)

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.
Color oil can be tinted according to the current BIOFA color charts and can be top-coated with all filmforming 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, clay, zinc oxide, microwax, swelling clay, wetting agents, anti-foaming agents, cobalt-polymer drying agent, antioxidant, calcium and manganese drying agents.

91 per cent water and renewable raw materials
5 per cent mineral and metallic raw materials
45 per cent chemical-synthetic and fossil raw material

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.
BIOFA Naturprodukte W. Hahn GmbH, Dobelstr. 22, D-73087 Bad Boll Germany, www.biofa-de.com, Tel. 07164-9405-0, Fax 07164-9405-96

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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, 150 - 180 grit on furniture. Always surface sand OSB panels. Avoid sanding marks since these will bleed through!

2. Application: Cork parquet: Apply a very thin, even coat of color oil with felt varnish roller 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, a rubber squeegee 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 be laying run next to run. Guide the rubber squeegee or trowel across the floor without lifting. On wooden planks with gaps, 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).

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.

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 data sheets and the BIOFA care instructions for processing and finish maintenance for these oils).

Color the hard wax oils with no more then 10% of 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 Brush Cleaner 0600 solvent free or with BIOFA Thinner, item no. 0500.

Important:

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

Recommended Equipment:






1. **009951 / 009980 / 009982** Varnish roller microfiber 100 mm / 180 mm / 250 mm
2. **009967 / 009956 / 009981** Rubber lining with rail for rubber lip and handle
3. **009942** Flat brush for large surfaces 240 mm
4. **009949 / 009934** Flat brush, professional quality for oilbased products 50 mm / 70 mm
5. **009973** Tool handle
6. **009984 / 009974 / 009988** Pad white Ø 150mm / pad white with adhesive fleece Ø 150mm / pad white Ø 410mm for buffing
7. **0600 / 0500** BIOFA Brush Cleaner / BIOFA Thinner for cleaning the working equipment.

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/m² or 20 ml/m² 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/m² or 30-50 m²/l.

Storage:

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

Container:

Metal containers.

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Disposal:

Deposit liquid product leftovers at collection point for old paints/ old varnishes, and/or dispose in compliance with llocal 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 [Abfall-verzeichnis Verordnung - AVV] waste code iaw. European waste classification: 08 01 11*

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 collec-tion and respiratory protection. Do not inhale vapor/aerosol. Only use in properly ventilated areas. Ensure adequate skin protection when proces-sing. Wear fine particulate mask when sanding! Avoid release into the environment. The natural ingredients may generate an odor typical for the product!

Sicherheitsdatenblatt auf Anfrage erhältlich!

VOC labeling iaw. Decopaint directive and ChemVOCFarbV:
EU threshold (Cat. A/f): 700 g/l (2010)
2110 contain max. 1 g/l VOC

GISCODE: Ö 10+

SHI product passport:

Healthy living - find products - certify buildings

All relevant product qualities regarding health compatibility and environmental impact of the product, which are required to achieve sustainable building certifications, can be found in the SHI product passport.

This QR code will take you to the SHI product passport for BIOFA Color Oil 2110:

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