EXTERIOR

BIOFA

Item no.
2043, 20431

Weather Protection Oil

1 l - 2,5 l - 10 l





Primer and finishing coat for facades, fences and wooden structures outdoors, for absorbent, sanded, planed and rough-sawn woods.

- **Crystal Clear Ingredient Declaration (www.biofa.de)**
- **Made with natural raw materials ***
- **With mineral UV-protective agents**
- **Colorless (2043) and colored (20431)**
- **Penetrates well into wood**
- **Protects against moisture**
- **Revitalizes and preserves the natural structure of the wood**
- **Delays the typical graying process**
- **With film protection against fungal and algae attack**

Properties:

Transparent natural resin-oil blend for outdoor wood surfaces exposed to weather. It rejuvenates and maintains the natural structure of the wood, protects against moisture and inhibits the typical graying. For basic treatment and maintenance of sanded, planed and rough sawn wood in exterior areas such as facades, etc. Do not use for dimensionally stable components (windows, doors, etc.).
Only use BIOFA Weather Protection Oil outdoors and not for playground equipment and garden furniture. BIOFA Weather Protection Oil can be tinted ex works in many shades according to the BIOFA Eluc color chart. For better UV protection and a longer service life, we recommend using the coloured weather protection oil.
The weather protection oil contains a film preservation against fungus and algae at ecologically acceptable levels. Depending on the biological load, however, growth can occur despite treatment. Roof eaves, in particular, are susceptible to fungal growth, depending on construction and design. Avoid condensation.
Attention! BIOFA products for outdoor applications are intended for surfaces designed for its intended purpose. Horizontal surfaces require at least 15° slope to avoid puddling (DIN 68800-2(4)). Footings of vertical wooden elements must be sealed to prevent water from rising. For optimal protection, clean and retreat at least once annually with BIOF Weather Protection Oil.

* Ingrdients:

Aromatic-free, highly purified white spirit, tall oil fatty acid-based resin boiling, castor oil stand oil, wood oil stand oil, castor oil rosin resin boiling, soya oil, alumina, swelling clay, titanium dioxide, colour pigments depending on colour shade, zinc oxide, wetting agent, defoamer, antioxidant, zirconium, cobalt and manganese drier. Contains 4,5-dichloro-2-octyl-2H-isothiazol-3-one and 2-octyl-2H-iso-thiazol-3-one as film protection.

72 per cent water and renewable raw materials
2 per cent mineral and metallic raw materials
26 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

EXTERIOR

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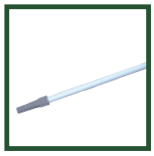
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Directions for Use:

1. Preparation: Substrates must be dry (max. wood moisture content: 12%), grease-free and clean; clean with BIOFA Thinner 0500 as needed. Thor-oughly remove old paint coats.
2. Application: Spray, brush or roll (flat brush with synthetic or mixed fiber bristles, velour roller) 2 coats, allowing 16-24 hours between coats. Pay particular attention to crosscut surfaces. Extreme weather exposure will require 3 coats. Sand between coats with 180-240 grit as needed.
Important: Be sure to test product before proceeding! Mix containers from dif-ferent batches. Do not process in direct, strong sun exposure.
Technical spraying parameters: Cup pistol: Nozzle: 1-1.5mm, at 2-2.5 bar pressure. **Airless: Nozzle:** 0.23-0.28 mm, at: 4 bar pressure and material pressure: 80 bar.
3. Equipment cleaning: Clean immediately after use with BIOFA Thinner 0500.

Recommended Equipment:






1. **009949 / 009934** Flat brush, professional quality 50 mm / 70 mm for oilbased products
2. **009951 / 009980 / 009982** Varnish roller microfiber 100 mm / 180 mm / 250 mm
3. **009952 / 009996 / 009954** Roller bracket 100-120 mm / 180-200 mm / 250-270 mm
4. **009973** Tool handle
5. **0500** BIOFA Thinner for cleaning the working equipment

Drying:

The oil is dry after and can be further painted after 16-24 hrs. (20°C / 50-55 % relative humidity).

Consumption/yield per coat:

60-80 ml/m² or 12-16 m²/l for the first coat. 30-40 ml/m² or 25-30 m²/l for the second and third coats. Consumption will be significantly higher on rough hewn wood.

Storage:

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

Disposal:

Discard leftover liquid product accprdomg tp local regulations. Minor leftovers and soaked processing materials can be dried and dis-posed in the household waste.
Only recycle fully emptied and cleaned containers. Avoid release into sewers and the environment.

German & EU Waste Classification 08 01 11*

Container:

Colorless: 0,375 l / 1 l / 2,5 l / 10 l metal container
Colored: 1 l / 2,5 l / 10 l metal container

Hazard warnings and safety instructions:

Poisonous for water organisms with long-term effect. Contains Neo-decanoic acid, cobalt salt; 4,5-Dichlor-2-octyl-2H-isothiazol-3-on und 2-Octyl-2H-iso-thiazol-3-on. Can cause allergic reactions (Allergy information +49 7164-9405-0).
Soak processing materials and contaminated clothing in water, then allow to dry on non-combustible ground – (risk of spontaneous combustion!). The product itself is not auto-ignitable. Keep away from children. Read label before use. Avoid contact with eyes, skin and clothing. Wash from eyes with water or skin with soap and water. Keep the label handy when seeking medical help. Only use in properly ventilated areas when applying or drying. Do not inhale vapor/aerosol. When sprayed, ensure adequate ventilation and A2/P2 combination respiratory protection and goggles. Wear fine P2 particulate mask when sanding!
The natural ingredients have a characteristic odor! This product is not a biocide. Contains 4,5-Dichlor-2-octyl-2H-isothiazol-3-on (CAS-Nr.: 64359-81-5) and 2-Octyl-2H-isothiazol-3-on (CAS-Nr.: 26530-20-1).

Read the Safety Datasheet (available online or upon request).

VOC labeling iaw. Decopaint directive and ChemVOCFarbV:
EU threshold (Cat. A/e): 400 g/l (2010)
2043, 20431 contain max. 350 g/l VOC

GISCODE: BSL10

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