

BIOFA Weather Protection Oil Item no. 2043, colorless Item no. 20431, colored

Properties

Transparent natural resin-oil concentrate for weathered wood surfaces for outdoor applications. It rejuvenates and maintains the natural structure of the wood, protects against moisture and inhibits the typical graying.

BIOFA Weather Protection Oil can be colored on request.

As base treatment and as care for sanded, planed, and sawmill lumber for outdoor applications and facades, etc. Not suited for dimensionally stable building components (windows, doors, etc.).

The weather protection oil contains a film preservation against fungal attack. However, the use of film preservatives is limited to an ecologically acceptable level. Depending on the biological load, however, early infestation can occur in individual cases. Roof soffits, in particular, are particularly susceptible to fungal attack, depending on the design and design, due to the increased condensate load

Attention! BIOFA products for outdoor applications are intended to round out construction-based wood protection. It is therefore essential that construction-based (design-based) wood protection is taken into account during the planning and execution phases (DIN 68800-2(4)). Horizontal surfaces with standing water must be avoided. Upright wood elements must be sealed from below to prevent water from rising.

Ingredients

Aromatic-free, highly-purified white spirit, ricin oil colophony resin blend, ricin oil, wood oil stand oil, modified ricin oil colophony resin blend, soy oil, alumina, swelling clay, titanium oxide, zinc oxide, color pigments depend on hue, wetting agents, anti-foaming agents, antioxidant, cobalt-polymer drying

agent, calcium and manganese drying agents, contains 3-IOD-2-PROPINYLBUTYLCARBAMAT, 2-OCTYL-2H-ISOTHIAZOL-3-ON and Terbutryn as film protection (allergy hotline see below!)

Processing steps:

1. Preparation

Substrates must be dry (max. wood moisture content: 12%), grease-free and clean; clean with thinner 0500 as needed. Thoroughly remove old paint coats.

2. Application

Depending on absorption and wood species, apply 1 to 2 coats of weather protection oil with sprayer or roller (flat brush with synthetic or mixed fiber bristles, velour roller) with 16-24 hours between coats. Pay particular attention to outside facing sides. Sand between coats with 180-240 grit as needed. **Important:** Be sure to test product before proceeding! Mix containers from different batches before processing! Do not process in direct, strong sun exposure.

Ensure sufficient fresh air circulation when processing and drying the products indoors!

Technical spraying parameters

Cup gun: Nozzle: 1-1.5mm, spray pressure: 2-2.5 bar.

Airless: Nozzle: 0.23-0.28 mm, spray pressure: 4 bar, material pressure: 80 bar.

3. Equipment cleaning

Clean immediately after use with thinner 0500.

4. Refresher coats

In order to achieve long-term protection, the oiled surfaces must be refreshed every 2-3 years (depending on weathering and exposure); horizontal wood surfaces may need a refresher coat annually.

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.

Drying

The oil is dry after and can be coated over 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 application. 30-40 ml/m² or 25-30 m²/l for the second application. Consumption will be significantly higher on sawmill lumber.

Storage

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

Container

1l / 2.5 l / 10 l metal containers

Hazard warnings

Poisonous for water organisms with long-term effect. Contains. Contains 3-IOD-2-PROPINYLBUTYLCARBAMATE (CAS #: 55406-53-6); 2-octyl-2H-isothiazol-3-one (CAS No.: 26530-20-1). Can cause allergic reactions.

Safety instructions:

Attention! Soak processing materials and clothing soaked with product 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. Read label before use. Don't let it get in contact with eyes, on skin, or on clothing. In case of contact with the eyes or skin, wash off with plenty of water. If skin irritation occurs: Get medical advice / attention. If medical advice is needed, have product container or label at hand. Ensure adequate skin protection during processing. Ensure thorough ventilation during processing and drying. When spraying, do not inhale the spray mist and wear suitable respiratory protection

(combination filter A2 / P2). Explosive vapor / air mixtures can occur when heated or sprayed! Wear fine dust mask (e.g. dust filter P2) when sanding. Avoid release to the environment. Use only outdoors. Carefully cover all substrates that are not to be coated. A typical smell of the natural raw materials is possible!

This product is a "treated product" according to EU regulation 528/2012 (no biocidal 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 law. Decopaint directive and ChemVOCFarbV:

EU threshold (Cat. A/e): 400 g/l (2010)
2043, 20431 contain max. 370 g/l VOC

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