

biona Bianco Oil **Item no. 8683**

Properties

Premium wood finish for mechanical and manual surface treatment. Results in matte, open-pore, durable, dirt and water-repellent finishes. Bianco oil is suited for absorbent surfaces made from wood, cork, and for Sterling OSB panels in parquet, interior built-in, and furniture applications. Following treatment, the natural color of the wood is essentially unchanged; the grain structure is only slightly pronounced.

Ingredients

Aromatic-free, highly-purified white spirit, modified alkyd resin, talcum, barite, matting agents, micro-wax, zinc oxide, titanium oxide, swelling clay, anti-foaming agents, wetting agents, Cobaltbis(2-ethylhexanoat), calcium, zirconium, and manganese drying agents, antioxidant.

Processing steps:

1. Preparation

Substrates must be dry (max. wood moisture content: 12 %), absorbent, grease-free and clean; clean with thinner 0500 as needed. Remove old paint coats. Final sanding on floors with 120 - 150 grit, 180 - 240 grit on furniture.

2. Manual processing

Base coat

Thoroughly mix bianco oil; then apply an even and thin coat by brushing, rolling, spraying or wiping. For floor applications, work with white-wash brush, double-edged trowel, or short-pyled velour roller. After approx. 5-10 minutes, distribute or pad-in excess material with floor buffing machine and green pad, or with green manual pad on small surfaces. A white pad is sufficient on surfaces sanded thoroughly with a fine grit. Allow to dry, then finish polish the surface with white pad.

Final coat

Apply a second coat of bianco oil as described above to achieve a more durable finish. The volume of applied oil must be adjusted to the absorption of the substrates.

On high-traffic surfaces such as flooring applications, apply a thin and even finish coat with hard oil, Article No. 2055 or hard wax oil matte, Article No. 9062 using a short-pyled velour roller; allow to dry without padding (see technical leaflet for the particular product!).

3. Mechanical processing

Rollers: Typical rollers are supplied by e.g. Wirth, Bürkle, Hymen, Superficci, Ceflar, and others. The rubber liner (Shore hardness: 40) must be made from polyurethane, and must be resistant to alkalines (light), acids (light) and various solvents like aromatic-free white spirit, alcohols, plant-based oils, etc. (see manufacturer's specifications).

First coat

Adjust the applied quantity on the rolling equipment. Depending on the absorption of the wood, the best values range between 20 - 30 g/m². Apply bianco oil, then evenly spread on the surface with a spreader brush or a pad. Brush out lightly with a cylindrical polishing brush as needed.

Attention! Make sure that pores and edges are wetted. Loss of material: max. 2 g/m².

Remove fully oiled boards and place in the trolley for drying..

Second coat

Adjust the applied quantity on the rolling equipment. The best values range between 10 - 15 g/m². Apply bianco oil, then spread and brush out as described above. Place full oiled boards into the trolley for drying.

Important: Be sure to test product before proceeding! Ensure sufficient fresh air circulation when processing and drying the products! Do not use below 12°C!

4. Equipment cleaning

Clean immediately after use with thinner 0500.

5. Cleaning and caring for the finish

Avoid heavy dirt buildup and do not clean damp during the first week.

Clean dry with soft broom, rag, mop, or vacuum brush. For damp cleaning, use only a ph-neutral, mild cleaning agent in lukewarm water.

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

Dust-dry after 6-8 hours, ready for sanding and painting over after 12-16 hours (20°C/50-55 % rel. humidity).

Unrestricted use is possible after 7-10 days.

Low temperatures, high ambient humidity or substrate moisture and tannin-rich woods, tropical woods, and cork may inhibit drying.

Consumption/yield

1st coat: 20-30 ml/m² or 30-50 m²/l.

2nd coat: approx. 15–20 ml/m² or 50–60 m²/l if applied manually and approx. 10-15 ml/m² or 60-70 m²/l if applied mechanically. Consumption and yield greatly depend on the absorption and condition of the substrate.

Storage

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

Container

750 ml / 2.5 l / 10 l metal containers

Hazard warnings

Poisonous for water organisms with long-term effect. Contains Cobaltbis(2-ethylhexanoat). Can cause allergic reactions.

medical help. DO NOT induce vomiting. Only use in properly ventilated areas.

Do not inhale vapor/aerosol. Explosive vapor/air mixtures can be generated when heated or sprayed! When sprayed, ensure adequate vacuum collection and respiratory protection. Avoid skin contact. Wear appropriate safety gloves. Avoid release into the environment. Wear fine particulate mask when sanding! 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 containers. Not completely emptied 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/i): 500 g/l (2010)
8683 contains max. 490 g/l VOC

GIS CODE: Ö 60+

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

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