



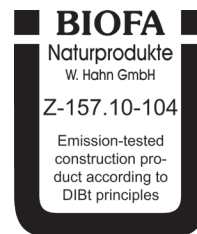
Hard Wax Oil_{mat}

1 l - 2,5 l - 10 l



Durable coating with a silky feel and elegant look.

- Enhances the wood grain and natural color
- Made with natural ingredients and fully declared ingredients
- Breathable and antistatic for a healthy indoor environment
- Sweat and saliva resistant DIN 53160
- Non-yellowing, dirt- and water repellent
- Complies with the European toy standard EN 71,3
- Primer and Finish in one

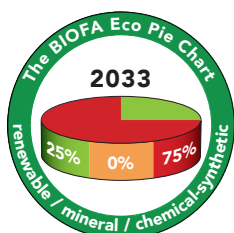


Properties:

BIOFA Hard Wax Oil is a premium blend of natural oils and resins. It rejuvenates the natural structure of the surface and results in a film-forming, open-pore, semi glossy, durable, dirt and water-repellent finish. Meets DIN 53160 (perspiration and saliva resistant). For an efficient, time-saving surface coating on all absorbent wood and related materials. Excellent for floors, furniture and paneling. Not for wet environments. BIOFA Hard Wax Oil is the ideal finish for BIOFA Color Oils 2110. The oil was tested for anti-slipping properties pursuant to Swiss bfu/EMPA criteria and has the following GS values: Rubber, smooth: GS 2; Rubber, fine grooves: GS 3; Plastics, rough grooves: GS 3; Leather, smooth: GS 1. BIOFA Hard Wax Oil 2033 meets the requirements of the parquet standard DIN EN 14342. The natural oils can develop a characteristic odor during drying.

Ingredients:

Aromatic-free, highly-purified white spirit, castor oil - colophonium resin blend, safflower oil - colophonium resin blend, matting agents, microwax, zinc oxide, clay, wetting agent, anti-foaming agent, cobalt-polymer drying-agent, zirconium, calcium, and manganese drying agents, antioxidant.



Directions for Use:

- 1. Preparation:** The substrate must be dry (max. moisture content: 12 %), and clean; Remove residues with BIOFA Thinner 0500 as needed. Sand floors with 120-150 and furniture or paneling with 180-240 grit sandpaper or equivalent.
 - 2. Base coat:** Mix thoroughly before use. For floors, apply a thin and even coat with a microfiber roller. Use a brush, roller or sprayer on furniture. On heavily absorbent or large-pore substrates like cork, beech, alder, etc., apply the oil liberally for the first coat and distribute evenly. BIOFA Universal Wood Primer 3755 solvent-free can be used as an alternative primer to achieve better penetration and minimize VOC.
 - 3. Intermediate and topcoats:** Sand floors between coats after 16-24 hours with 150-180 and furniture with 240 grit paper or equivalent. Remove dust. Apply a second coat as above. An additional coat of Hard Wax Oil may be required on highly absorbent materials, such as cork parquet. As a finish for BIOFA Color Oils 2110, apply 1 coat of Hard Wax Oil mixed with up to 10% of the used Color Oil. Extremely absorbent substrates may require an additional coat.
- Technical spraying parameters:** Compressed air cup gun: Nozzle: 1-1.5 mm and 2 -3 bar pressure. Airless: Nozzle: 0.23-0.28 mm with 4 bar pressure, material pressure: 80 bar. These are general parameters. Adjust for your equipment systems as needed.



Important: Mix containers from different batches and test product before processing! Ensure sufficient fresh air circulation when processing and drying the products! Failure to observe these instructions may result in long-term odor exposure. Do not use below 12°C.

4. Equipment cleaning: Clean immediately after use with BIOFA Thinner 0500.

5. Cleaning and maintaining the finish: Use a soft, dry rag. For wet cleaning, use NACASA® All-Purpose Clean-er 4010. See special care instructions for floor surfaces!

Recommended Utensils and Companions:



1. **009949 / 009934** Flat brush, professional quality 50 mm / 70 mm for oilbased products
2. **009942** Flat brush 240 mm
3. **009951 / 009980 / 009982** Varnish roller microfiber 100 mm / 180 mm / 250 mm
4. **009952 / 009996 / 009954** Roller bracket 100-120 mm / 180-200 mm / 250-270 mm
5. **009973** Tool handle
6. **0500** BIOFA Thinner for cleaning the working equipment

Drying:

Dry to touch in 6-12 hours and can be sanded and re-treated in 16-24 hours. Floors are ready for light use after 3 days, and unrestricted use after 7-10 days (20°C/50-55 % rel. humidity). Heating and air circulation will accelerate drying. Cold, high ambient humidity or substrate moisture, tannin-rich woods, tropical woods, and cork may slow drying.

Consumption/yield:

1st coat: approx. 60 - 80 ml/m² or 12 - 16 m²/l.
2nd and 3rd coat each 45 - 60 ml/m² or 16 - 20 m²/l.
Consumption varies, dependin on the substrate.

Storage:

Keep cool, dry and properly sealed. If skin forms, re-move prior to use.

Container:

Interior painted metal containers.

Disposal:

Discard liquid product remnants 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. Do not release into the environment or sewers

German & EU Waste Classification Directive code: 08 01 11*

Hazard warnings and safety instructions:

Poisonous for water organisms with long-term effect. 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 (risk of auto combustion!) The product itself is not flammable. Keep away from children. Read label before use. Call a POISON CENTER or doctor / physician if you feel unwell. If medical advice is required, have the packaging or identification label ready. Do not get in eyes, on skin, or on clothing. Wash from SKIN with plenty of soap and water. Ensure thorough ventilation during application and drying. Do not inhale vapors or mist. When spraying, ensure that there is adequate ventilation, respiratory and skin protection. When heated or sprayed, explosive vapor / air mixtures can arise! Wear a fine dust mask when sanding!

Safety data sheet available upon request.

VOC labeling law. Decopaint directive and ChemVOCFarbV:

EU threshold (Cat. A/i): 500 g/l (2010)
2033 contains max. 290 g/l VOC

GISCODE: Ö 60+