



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
- Complies with DIN 53160 sweat and saliva resistant
- Non-yellowing, dirt- and water repellent
- Primer and Finish in one



Properties:

Hard Wax Oil matt is a high-quality product made from natural raw materials. It revitalises the natural structure, deepens the tone of the treated substrates and produces an open-pored, matt, hard-wearing and water-repellent surface that is largely non-yellowing. For the efficient, time-saving surface treatment of all absorbent wood and cork floors, wood-based panels such as Sterling OSB boards, etc. indoors. Suitable for priming and as a top coat. Not for substrates with constant wet exposure. It fulfils DIN 53 160 for welding and saliva fastness.

Ingredients:

Aromatic-free highly purified white spirit, ricin oil rosin resin, modified ricin oil rosin resin, safflower oil rosin resin, matting agent, alumina, micro wax, zinc oxide, swelling clay, wetting agent, defoamer, cobalt, zirconium and manganese drier, 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 3754 can be used as an alternative primer to achieve better penetration.

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:

Harmful to aquatic organisms, with long-term effects. Contains cobalt bis(2-ethylhexanoate); May cause allergic reactions. Advice for allergy sufferers: Tel.: +49(0)7164-9405-0. Store working materials and clothing soaked with product in an airtight metal container or soak in water and spread out on a non-flammable surface to dry - (risk of spontaneous combustion!) The product itself is not self-igniting. Keep out of the reach of children. Avoid release into the environment. Use only outdoors or in well-ventilated areas. If medical advice is required, have packaging or labelling ready. Do not get in eyes, on skin or on clothing. IF ON SKIN: Wash off with plenty of soap and water. Ensure adequate skin protection! When spraying, do not inhale the spray mist and wear suitable respiratory protection (combination filter A2/P2) and safety goggles. Heating or spraying may produce explosive vapour/air mixtures! Use respiratory protection (dust filter P2) when sanding. A typical odour of the natural raw materials is possible!

Safety data sheet available on 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+