INTERIOR

BIOFA

Item no.
5005

Natural Shellac Refiner

clear and odorless, solvent-free

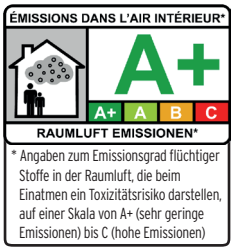
375 ml - 1 l





Primer and final coat
For furniture, interior fittings, children's toys, etc.
Particularly suitable for interior furniture surfaces and woods containing tannic acid and tropical woods

- **Crystal Clear Ingredient Declaration (www.biofa.de)**
- **Made with natural raw materials ****
- **99% renewable and mineral ingredients ****
- **colorless**
- **water-dilutable**
- **fast-drying and odourless**
- **Complies with the EN 71-3 standard for children's toys and the DIN 53 160 standard for resistance to sweat and saliva**



Properties:

BIOFA Natural Shellac Refiner is a solvent-free, water-thinnable, colourless wood treatment made from natural raw materials. It is odourless, is used as a primer and top coat and is very suitable for allergy sufferers and odour-sensitive users. The wood finish has a very fast drying, saturates the wood well and results in transparent, limited stain-, abrasion- and scratch-resistant, glossy surfaces. Suitable for all untreated wood and wood-based materials in interior areas such as furniture, interior doors, picture frames, wall and ceiling panelling and children's toys. It is particularly well suited for interior cabinet surfaces and drawers as well as a primer for difficult wood substrates with critical ingredients such as tropical woods, tannin-rich hardwoods (oak, chestnut, etc.). Do not use on floors, stairs, worktops and damp rooms. Always use coasters, placemats, etc. on table tops. Wipe up spilled liquids immediately. The shellac refiner can be applied as a primer with BIOFA lacquers, glazes, oils and waxes. Not suitable as a primer for solvent-free oil systems that are padded in.

** Ingredients:

Water, water-soluble shellac compound, phenoxyethanol (preservative approved for cosmetics).

96 per cent water and renewable raw materials
4 per cent mineral and metallic raw materials
0 per cent chemical-synthetic and fossil raw material

Processing steps:

1. Pre-treatment : The substrates must be dry (wood moisture max. 12%), solid, grease-free and clean. Remove old coatings beforehand. Wood containing tannic acid (e.g. oak) or tropical woods (e.g. framire) should be thoroughly washed off with turpentine substitute or white spirit before initial treatment. A fine final sanding of the surfaces in grain direction up to P 220-320 is highly recommended. Then carefully remove dust. In the

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case of high surface demands and very absorbent woods, water the wood before initial treatment, allow to dry and sand well to P 220-320. The finer the final sanding, the higher the quality (look and feel) of the surface.
2. Processing: Stir BIOFA Natural Shellac Refiner well and apply evenly by brushing, rolling, spraying or dipping. Use only wide, soft brushes for painting and apply the wood finish quickly. After drying, fine intermediate sanding with P 220-320 (finer if required). For an evenly closed surface, apply 2 more coats with fine intermediate sanding. A 4th coat may be necessary on very absorbent substrates. Carefully remove dust after each intermediate sanding.
If the wood finish is only used as a primer, 1-2 coats are applied depending on the absorbency and type of wood. For tannin-rich hardwoods and tropical woods, prime 2x.
Spray application:
Spraying with a cup gun: Pressure: 2.5-3 bar,
Nozzle diameter: 1.5 - 1.7 mm.
Spraying with air-mix system: Pump pressure: 2.0 bar,
Nozzle diameter: 0.28 mm.
The distance from the substrate to the spray gun should not exceed 15 cm.
Important: **Carry out a preliminary test! Ensure optimum fresh air supply and dust-free conditions during application and drying! Do not process below 12°C! The degree of colour and gloss may vary from batch to batch due to the raw material. Mix different batches before processing!**

Recommended Equipment:





1. **009909 / 009910** Flat brush 40 mm or 60 mm for water based products
2. **009951 / 009980 /009982** Varnish roller microfiber 100 mm / 180 mm / 250 mm
3. **009952 / 009996 / 009954** Roller bracket
4. **0600** BIOFA Brush Cleaner

Equipment cleaning:

Clean immediately after use with BIOFA Brush Cleaner 0600 then rinse with water.

Drying:

Dust-dry after 20-30 minutes, sandable and recoatable after 3-4 hours (20°C/50-55 % relative humidity).

Consumption/yield per coat

40-80 ml/m² or 13-25 m²/l, but depends strongly on the absorbency and condition of the substrate. Determine exact consumption by trial coating.

Cleaning and maintenance:

Basically, only wipe dry. If necessary, wipe with a damp cloth (use only lukewarm water) and possibly a very mild cleaning agent (e.g. BIOFA Universal Cleaner Art. No. 4010). Do not use microfibre cleaning equipment or alkaline cleaning agents or those containing solvents.
To freshen up the surface, sand lightly, carefully remove dust and treat once with wood finishing.

Storage:

Store in a cool, frost-free, dry and tightly closed place. Use opened containers as soon as possible.

Container:

tinplate can/pail painted inside

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 Waste Classification Directive [Abfallverzeichnis Verordnung - AVV] **waste code iaw. European waste classification:** 08 01 12

Safety instructions:

Für Kinder unzugänglich aufbewahren. Bei Berührung mit den Augen oder der Haut gründlich mit Wasser abspülen. Nicht in Boden, Gewässer oder Kanalisation gelangen lassen. Sicherheitsdatenblatt auf Anfrage erhältlich!

VOC labeling law. Decopaint directive and ChemVOCFarbV:
EU threshold (Cat. A/i): 130 g/l (2010)
5005 contains max. 10 g/l VOC

GISCODE: BSW10

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