INTERIOR

BIOFA

Item no.
3754

Universal Wood Primer solvent-based

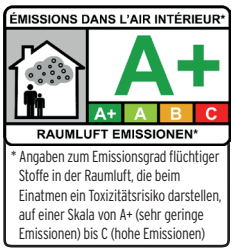
375 ml - 1 l - 2,5 l - 10 l





**Primer for floors, stairs, exterior furniture surfaces and interior finishes.
For highly and unevenly absorbent, mineral substrates as well as for wood and cork.
Can be coated with 2033, 2044, 2055, 2063, 2060 and 2100/21001.**

- **Crystal Clear Ingredient Declaration (www.biofa.de)**
- **Made with natural raw materials ****
- **colorless**
- **deeply penetrating and open-pored**
- **saturating and levelling**
- **water-repellent**



* Angaben zum Emissionsgrad flüchtiger Stoffe in der Raumluft, die beim Einatmen ein Toxizitätsrisiko darstellen, auf einer Skala von A+ (sehr geringe Emissionen) bis C (hohe Emissionen)

Properties :

Universal Primer with natural oils and resins for indoor applications. Penetrates deeply, rejuvenates and brings out the natural structure and hue of treated substrates, and results in an open-pored and water-repellent finish. Saturates and equalizes highly absorbent and/or unevenly absorbent substrates. Suited as a primer for flooring from wood and cork, stairs, furniture finishes and interior builtins, and for cotto tiles, highly-absorbent stone tiles and other mineral-based substrates. As primer for BIOFA Universal Hard Oil 2044, Hard Wax Oil 2055, Hard Wax 2060, Wax Balm 2063 as well as all enamel paints and indoor applications on highly-absorbent woods and for Stone Oil 2100.

** Ingredients:

Aromatic-free, highly purified white spirit, soybean oil-rosin resin cooking, hemp oil, iron, calcium and manganese dryers.

32 per cent water and renewable raw materials
0 per cent mineral and metallic raw materials
68 per cent chemical-synthetic and fossil raw material

Processing steps:

1. Preparation

Substrates must be dry (max. moisture content: 12 %, residual moisture on cement screeds: < 1,5 CM %, residual moisture on anhydritic screeds: < 0.5 CM %, anhydritic screeds on in-floor heating: < 0.3%), and must have good adhesion, be alkaline-neutral, clean, free of dust and grease; clean with BIOFA Thinner 0500 as needed. Screeds must be sanded and any dust must be removed based on manufacturer's instructions. Thoroughly sand anhydritic screed down to 60 grit. Thoroughly remove old paint coats. Thoroughly wash off tropical woods, resin-rich and tannin-rich woods with denatured alcohol or white spirit, and allow to dry for at least 24 hrs. Finish sand with 240 grit on furniture surfaces, with 120 grit on flooring. The processing temperature for floors must be at least 16°C. The joint compound on cotto and stone tiles must be completely dried and cured. Observe the technical leaflet for BIOFA Stone Oil 2100 when used on other mineral-based substrates!

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.
BIOFA Naturprodukte W. Hahn GmbH, Dobelstr. 22, D-73087 Bad Boll Germany, www.biofa-de.com, Tel. 07164-9405-0, Fax 07164-9405-96

When used on new floors with in-floor heating, the heat must be incrementally increased prior to the surface treatment based on instructions, and must be run at full strength for approx. 3 days. Shut the heat off 24 hrs. prior to application (leave at lowest level only during winter), and incrementally restart the heat 72 hrs. after the last application (water flow increased by 5 °C per day, max. flow temperature: 30 °C). Observe VOB!

2. Application

Apply a thin and even coat of BIOFA Universal Hard Primer with brush, roller, sprayer, and by dipping, drumming, or wiping (e.g. with short-pyled, lint-free rag). After approx. 30-60 minutes, evenly distribute or collect excess oil to still absorbing locations. For wood floor applications, coats are allowed to dry and then sanded between applications with 120-150 grit screen. Alternatively, the entire still wet surface can be thoroughly padded with a floor buffing machine and a green or beige pad about 60 minutes after application.

Attention! Specifically on light-colored, highly-absorbent woods like maple, ash, beech, white pine, etc., the end-grain absorbs more oil, causing the faces to absorb more stain and to become darker. Only dip processing equipment into the oil briefly and do not apply excessive amounts of material on the surface. Never dump the oil (puddle) to then distribute. This results in heavy markings on the end grain and the edges in these areas, which are not repairable by sanding.

Allow furniture and interior built-in finishes treated with BIOFA Universal Wood Primer 3754 to dry. Then sand between coats or post-process with orbital sander (green or beige pad), fladder or fabric roll until all oil has been removed from the surface.

On cotto and stone tiles, completely collect unpenetrated oil. On other mineral-based substrates pigment with Universal Wood Primer as needed (see technical leaflet for Stone Oil 2100)!

When post-treating with BIOFA Hard Wax 2060 apply a second coat of primer 3754 as needed until the finish is evenly saturated.

Technical spraying parameters: Cup gun: Nozzle: 1.51.7 mm, spray pressure: approx. 2.5 - 3.0 bar.

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

However, these values must always be adjusted to the specific equipment properties.

3. Equipment cleaning

Clean immediately after use with BIOFA Thinner 0500. Used thinner can be decantered and reused after several days of settling time.

Important: Oil residues result in a tacky and shiny, not fully curing finish. Be sure to test product before proceeding! Ensure sufficient fresh air circulation when processing and drying the products! Do not use for indoor applications on furniture, drawers, etc. since this may result in long-term odor exposure.

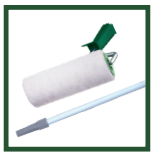
4. Refresher coats

On wood floors, apply a top coat with BIOFA Universal Hard Oil 2044, Hard Wax 2060 or Wax Balm 2063.

On interior built-ins and furniture surfaces, apply a top coat with BIOFA Universal Hard Oil 2044, Hard Wax 2060, Wax Balm 2063 or enamel paints.

A refresher coat with Stone Oil 2100 is applied on cotto and stone tiles and other mineral-based substrates.

Recommended Equipment:






1. **009951 / 009980 /009982** Varnish roller microfiber 100 mm / 180 mm / 250 mm
2. **009952 / 009996 / 009954** Roller bracket 100-120 mm / 180-200 mm / 250-270 mm
3. **009942** Flat brush 240 mm
4. **009973** Tool handle.
5. **009925 / 009963** Pad green grit 180 Ø 150mm / pad brown Ø 150m with adhesive fleece for use by hand or with a polishing machine
6. **009987** Pad green Ø 410mm for use by single disc disc machine.
7. **0500** BIOFA Thinner for cleaning the working equipment

Drying:

BIOFA Universal Wood Primer can be sanded and coated over after 8-16 hrs. (20°C / 50-55 % rel. humidity). After the topcoat, floors can stand up to limited use after 3 days, and unrestricted use after 7-10 days.

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

Consumption/yield per coat:

50-70 ml/m^2 or 15-20 m^2/l, but greatly depending on absorption and condition of the substrate. Determine with a test coat as needed.

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.
BIOFA Naturprodukte W. Hahn GmbH, Dobelstr. 22, D-73087 Bad Boll Germany, www.biofa-de.com, Tel. 07164-9405-0, Fax 07164-9405-96

INTERIOR

BIOFA

Item no.
3754

Storage:

Keep cool, dry and properly sealed. May form skin. Remove skin before next use. Screen oil as needed! Refill leftovers into smaller containers and seal against air.

Container:

Interior painted tinplate can / bucket

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*

Safety instructions:

Store work 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. 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. Ensure thorough ventilation during processing and drying. 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) during grinding work. Do not allow to enter drains, bodies of water or soil. A typical odour of the natural raw materials is possible!

Safety data sheet available on request.

VOC labeling iaw. Decopaint directive and ChemVOCFarbV:
EU threshold (Cat. A/h): 750 g/l (2010)
3754 contains max. 550 g/l VOC

GIS CODE: Ö 60+

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.
BIOFA Naturprodukte W. Hahn GmbH, Dobelstr. 22, D-73087 Bad Boll Germany, www.biofa-de.com, Tel. 07164-9405-0, Fax 07164-9405-96