



# Universal Wood Primer

solvent-free

1 l - 2,5 l - 10 l



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

- Fully declared ingredients and low emission
- Made with natural ingredients
- 97% renewable and mineral ingredients
- Colorless
- Penetrates deep into the wood, open-pored surface
- Saturates and harmonizes surface appearance
- Water repellent
- Complies with DIN EN 14342 Industrial standard for parquet floors



## Characteristics:

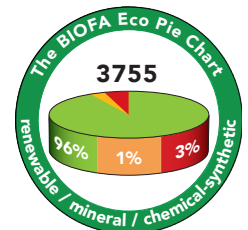
BIOFA Universal Hard Primer solvent-free is a universal oily primer made from natural raw materials for wood, wood-based materials and cork indoors. It revives and deepens the natural structure and shade of the substrates and results in an open-pored and water-repellent surface. Highly and unevenly absorbent substrates are saturated and evened out.

Universal Hard Primer solvent-free is suitable as a primer for floors, stairs, furniture surfaces and interior fittings and serves as a pre-treatment for BIOFA Universal Hard Oil 2044, Hard Wax Oil 2033 and 2055, Wood Finish 2063 and Hard Wax 2060.

Meets the requirements of the parquet standard DIN EN 14342. DIBt approval numbers: Z-157.10-68 and Z-157.10-104

## Ingredients:

Linseed oil, safflower oil - colophony -resin blend, castor oil, micro-wax, anti-foaming agents, titanium oxide, cobalt-polymer drying agent, zirconium and manganese drying agent, antioxidant.



## Processing steps:

### 1. Preparations:

**Wood substrates:** The substrates must be dry (wood moisture max. 12 %), clean, free of dust and grease, clean with BIOFA Thinner 0500 if necessary. Thoroughly remove old coatings. Thoroughly wash off tropical woods, woods with high resin content and woods containing



tannic acid with white spirit or turpentine substitute and allow to dry for at least 24 hours.

New parquet floors should be laid with as few joints as possible. In general, make sure that as little oil as possible penetrates into remaining cracks.

Finish floors with 150 -180 grit final sanding, furniture and interior surfaces with final sanding P 220.

**Mineral substrates:** The substrates must be load-bearing, clean, alkaline neutral and dry (cement screeds residual moisture < 1.5 CM%, anhydrite screeds residual moisture < 0.5 CM %, anhydrite screeds on underfloor heating < 0.3%), and sanded and dedusted according to the manufacturer's instructions. Sand anhydrite screeds well up to grain 60.

**Important:** After cleaning sanding, there must be a homogeneous, closed but absorbent surface. The screed surface must have the quality of a service screed. Sanding substrates must be pretreated with an appropriate deep primer and then trowelled.

The grout for cotto and stone tiles must be completely dry and cured. **Use on underfloor heating:** When used on new floors with underfloor heating, the heating system must be ramped up in stages before surface treatment in accordance with the regulations and run at full capacity for approx. 3 days. 24 hrs before treatment, it is switched off (run at lowest level only in winter) and restarted in stages 72 hrs after the last treatment (water flow with 5 °C increase per day, max. flow temperature 30°C).

## 2. Processing:

**Wooden floors and mineral substrates:** Apply BIOFA Universal Hard Primer solvent-free once thinly and evenly in a cross coat with short pile floor roller. Clean off excess oil with a rubber scraper.

**Caution:** Only use footwear with oil-resistant soles or overshoes. Take up any remaining oil after 30-40 min. with a mop or polishing pad white and pad out the entire surface with a plate machine and green pad.

Avoid over-saturation of the substrate during priming! No Universal Hard Primer solvent-free must remain on the surface.

Oil standing in joints is spread out cleanly with a surface brush and absorbed.

**Stairs, furniture and interior surfaces:** Apply thinly with a brush, lint-free cloth or by spraying. After 30-40 minutes, distribute or remove oil residues and polish out with a green pad.

**Important:** Carry out preliminary tests!

Oil residues that have not been removed and padded will cause a sticky, glossy and poorly drying surface. Do not process below 16°C! Ensure optimum fresh air circulation during application and drying!

**3. Cleaning of tools:** Clean immediately after use with BIOFA Brush Cleaner 0600 (solvent-free) or Thinner 0500.

## Recommended Equipment:



1. **009951 / 009980 / 009982** Varnish roller microfiber 100 mm / 180 mm / 250 mm
2. **009967 / 009956 / 009981** Rubber lining with rail for rubber lip and handle
3. **009942** Flat brush 240 mm
1. **009949 / 009934** Flat brush, professional quality 50 mm / 70 mm for oilbased products
2. **009973** Tool handle.
3. **009847** Mop Classic to pick up excess oil
4. **009925 / 009963** Pad green grit 180 Ø150mm / pad brown Ø150m with adhesive fleece for use by hand or with a polishing machine
5. **009987** Pad green Ø410mm for use by single disc disc machine.
6. **0600 / 0500** BIOFA Brush cleaner / BIOFA thinner for cleaning working equipment

## Drying:

Sandable and recoatable after 16-24 hours (20°C/50-55% relative humidity). Drying delays due to low temperatures, excessive air or substrate humidity as well as on woods containing tannic acid, tropical woods and on cork are possible.

## Consumption/yield per coat:

In accordance with the building authority approval (DIBt), 1x 20 g/ m<sup>2</sup> or 22 ml/m<sup>2</sup> Universal Hard Primer solvent-free 3755 is applied to wooden floors. As a rule, consumption and coverage are as follows 20-25 ml/m<sup>2</sup> or 40-50 m<sup>2</sup>/l for wood surfaces and 40-50 ml/m<sup>2</sup> or 20-25 m<sup>2</sup>/l for mineral substrates.

Consumption and coverage depend to a large extent on the absorbency and condition of the substrate. If necessary, determine by trial coating.

## 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:

Metal can



## 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 12

## Safety instructions:

**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 surface -(risk of spontaneous**

**combustion!) The product itself is not auto-ignitable. Keep out of reach of children. If medical help is required, keep the packaging or labels handy. Keep out of eyes and avoid contact with skin or clothing. Wash from skin with soap and water. Ensure adequate skin protection. When spraying, ensure adequate vacuum collection and respiratory protection (combination A2/P2 filter mask) and avoid inhalation of product mist. Wear fine particulate P2 dust filter mask when sanding! The natural ingredients may generate an odor typical for the product!**

**Safety data sheet available on request.**

## VOC labeling iaw. Decopaint directive and ChemVOCFarbV:

EU threshold (Cat. A/h): 750 g/l (2010)  
3755 contains max. 1 g/l VOC

**GIS CODE:** Ö 10+