



Wood Varnish

1 l - 2,5 l - 10 l metal containers



**Primer and Varnish Coating for in- and outdoor wooden surfaces.
Ideal for furniture, fences, toys, window- and door frames, and more!**

- Primer and finish in one
- Durable surface
- Contributes to a healthy indoor environment
- Dirt- and water repellent
- Sweat and saliva resistant
- Rainbow colors available
- Easy to use



Properties:

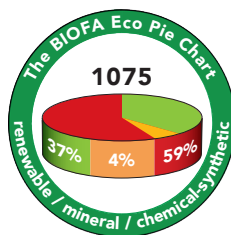
For all hardwoods and softwoods for interior and exterior applications. Also for rough hewn surfaces. Complies with the International toy standard EN 71.3. Wood Varnish can be tinted ex works in many shades according to the BIOFA Filuc color chart.

The white varnish inhibits wood.

The colorless varnish 1075 is not recommended for outdoor use. BIOFA products for outdoor applications are intended for construction-based principles that protect surfaces from standing water and weathering (DIN 68800-2(4)). The bottom of vertically standing wood should be protected such that water does not seep into the wood.

Ingredients – Crystal Clear Declaration:

Aromatic-free, highly-purified white spirit, Castor oil-Colophony resin blend, Soy oil, Tung oil, Castor oil, Linseed oil, Thistle oil, Pigments depend-ing on hue, Mineral matting agents, Zinc oxide, Clay, Wetting agent, Cobalt-polymer drying agent, Calcium- and manganese drying agent, Anti-foaming agent, Natural Antioxidant.



Directions for Use:

1. Preparation: The surface must be dry (max. wood moisture content: 12%), and clean. Remove dirt etc with BIOFA Thinner 0500 as needed. Surface sand and clean old coats with good adhesion. Remove old, loose coats, surface sand and clean substrate. Prior to initial treatment, tannin-rich woods (e.g. oak) or tropical woods for exterior building components such as windows, doors, etc. must be thoroughly washed off with BIOFA Thinner 0501. Prime outdoor applications with diluted colored varnish (1:1 with BIOFA Thinner 0500), and indoors with colored or clear varnish. If fungal protection DIN 68805 is required prime with an RAL compliant fungicidal primer Plywood panels for outdoor use must be primed with a fungicide and sanded between coats with 180-240 grit.

2. Base coat: Mix well before use and apply with brush, roller, or spray. For indoor applications, the varnish can be diluted with BIOFA Thinner 0500. Sand between coats.

3. Intermediate and Finish Coats: Apply a 2nd and 3rd coat for outdoor applications. Indoors, apply coats to achieve the desired color intensity. Sand between coats as needed. For indoor applications, the colored varnish can be mixed in any ratio with colorless varnish 1075 or up to 10% Thinner 0500. Very thin coats enhance the wood grain to perfection.

Prior to installation, exterior building components (windows, doors,



etc.) must be coated with at least a priming and a second coat on all sides (iaw. VOB, part C, DIN 18355).

Spraying parameters:

Compressed air sprayers: Nozzle: 1.5-1.8 mm, spray pressure: 3-4 bar.

Airless: Nozzle: 0.23-0.28 mm, spray pressure 2 bar, material pressure: 80 bar. Viscosity: DIN 53211 / 4mm - approx. 40 sec.

4. Equipment cleaning: Clean immediately after use with BIOFA Thinner 0500. Used thinner can be reused after decanting.

5. Cleaning and caring for the finish: Clean varnished surfaces of windows, doors, and similar building components every 6 months with a soft sponge or rag using NACASA Universal Cleaner 4010. Avoid aggressive cleaning agents, soap bleaches, ammonium chloride solutions and other highly abrasive scrubbing and cleaning agents and equipment. Inspect the condition of outdoor exposed surfaces for weathering 1-2 times annually following cleaning with NACASA 4010. Immediately repair minor damage to ensure an intact, water resistant finish at all times. Apply refresher coats with colored varnish before damage like mold, bubbles, graying, peeling, cracks starts to form.

Recommended Equipment:



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

Drying:

Dry and ready for sanding or painting over after 12 hours. Fully cured after 7 days (20°C / 50-55% rel. humidity). Drying can be inhibited by low temperatures, high ambient humidity, and on tannin-rich woods or tropical woods.

Consumption/yield:

1st coat 70-100 ml/m² or 10-14 m²/l;
2nd and 3rd coat each 30-50 ml/m² or 20-30 m²/l. Yield depends on absorption and type of substrate.

Important:

Be sure to test product before proceeding! Ensure sufficient fresh air circulation when processing and drying the products! Do not use varnish below 12° C!

Mix containers of colored varnish from different batches before processing.

Storage:

Keep cool, dry and properly sealed. May form skin. Remove before next use. Screen oil as needed!

Disposal:

Deposit liquid product in compliance with statutory regulations. Minor leftovers and soaked processing materials can be disposed in the household waste after drying out. Do not release into the environment or sewers.

Only recycle fully emptied containers.

German & EU Waste Classification 08 01 11*

Hazard warnings and safety instructions:

Spray can form dangerous vapors. Do not inhale vapors. Poisonous for water organisms with long-term effect.

Store processing materials and soaked clothing in air-tight metal containers, or soak in water and allow to dry on non-combustible surfaces –(auto-ignition risk!) The product itself is not auto-ignitable. Keep away from children.

Call a POISON CENTER or doctor if you feel unwell. If medical advice is needed, have product container or label at hand. Do not get in eyes, on skin, or on clothing. IF ON SKIN: wash with plenty of water and soap. Use only outdoors or in well-ventilated rooms. Ensure adequate ventilation and respiratory protection when processing by spraying. Explosive vapor / air mixtures can occur when heated or sprayed! Ensure adequate skin protection during processing. Wear fine dust mask when grinding!

Read the Safety Datasheet (available online or upon request).

VOC labeling iaw. Decopaint directive and ChemVOCFarbV:

EU threshold (Cat. A/e): 400 g/l (2010)
1075, 1061-85 contain max. 390 g/l VOC

GISCODE: BSL 10