



BIOFA



Item no.
8101, 81011

Wood Varnish Aqua

Industry

8101 colorless, 81011 colored

1 l - 2,5 l - 10 l



Primer and topcoat for interior fittings, exterior furniture surfaces, windows, doors and other external wooden components

For absorbent surfaces made of wood, three-layer boards, fibreboard, MDF and OSB

- **fully declared and low-emission**
- **made with natural raw materials ****
- **96% plant-based and mineral-based ****
- **water-soluble**
- **transparent with a satin sheen**
- **breathable and anti-static**
- **stain- and water-repellent**
- **complies with standard EN 71, Part 3 (Safety of toys)**

Features:

Wood Varnish Aqua Industrie is a water-dilutable, very fast-drying wood glaze for hardwoods and softwoods, suitable for both interior and exterior use. It forms a weather-resistant, satin-gloss finish, is highly elastic and water-repellent, and complies with the EN 71.3 toy standard. It can be used to create finishes ranging from transparent to opaque. Suitable for windows, doors, timber cladding, fences, half-timbered structures, etc. Aqua Wood Glaze is not suitable for horizontal surfaces exposed to heavy mechanical abrasion (seating surfaces, children's play equipment) or must be re-treated as necessary depending on wear and tear. The finish becomes more colour-intensive on rough-sawn timber. Two coats are usually sufficient on untreated wood. A third coat is recommended to extend the time between repainting and to provide increased protection against weathering and fungal growth. A primer is not required.

Aqua Wood Glaze can be tinted to a wide range of colours ex-works according to the BIOFA Filuc colour chart. The tinted wood glazes can be mixed together in any proportion.

** Ingredients:

Water, modified resin-soya oil fatty acid emulsion, rice husk wax, pigments (depending on the colour), wetting agents, defoamers, thickeners, iron driers.

76 per cent water and renewable raw materials

0 per cent mineral and metallic raw materials

24 per cent chemical-synthetic and fossil raw material



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Steps:

1. Preparation: Surfaces must be dry (wood moisture content below 12%), sound and clean. Sand down and clean existing coats of paint that adhere well. Remove old, loose paint, sand down the substrate and clean it. Where required or necessary, pre-treat external surfaces with a standard anti-blue stain primer. Multi-layer wooden panels used outdoors must be primed with a fungicide.

Exposed end-grain areas are coated with BIOFA End-Grain Sealer 8403 (see Technical Data Sheet 8403).

2. First coat: Stir the wood stain thoroughly and apply it using a short-pile roller, a brush or a spray gun, spreading it generously, quickly and evenly in the direction of the wood grain. Always smooth out any streaks or ridges immediately. Always finish painting enclosed sections and surfaces completely first.

In the case of external cladding, facade boards that have not yet been installed are coated with wood stain on all sides.

3. Final coat: For outdoor use, apply a second coat, and possibly a third, undiluted. For indoor use, apply as required.

Important: Carry out test applications first! Ensure the area is well ventilated during application and drying indoors. Do not apply at temperatures below 12 °C, in high humidity or damp conditions, or in direct sunlight on hot summer days. Mix containers of the same colour from different batches before use!

Spray application: The wood stain can be applied using standard professional spraying methods such as airless/airmix, HVLP (High Volume/Low Pressure) and cup guns. When applying with a cup gun, we recommend an air pressure of approx. 3-4 bar and a nozzle diameter of 1.0 to 1.8 mm. The spray finish depends on the choice of nozzles and the spray pressure and must be adapted to the respective system.

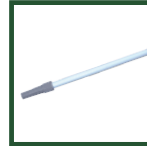
4. Cleaning tools: Immediately after use, place tools in undiluted brush cleaner 0600, and rinse them thoroughly with water the following day.

Rinse spray guns thoroughly with a mixture of 1 part brush cleaner and 10 parts water.

5. Cleaning and maintenance of surfaces: Clean glazed surfaces using only lukewarm water and a mild, diluted cleaning agent, e.g. BIOFA NACASA Universal Cleaner 4010. Harsh cleaners, soapy water, ammonia solutions and highly abrasive cleaning products and equipment (microfibre) must be avoided at all costs.

The surfaces of weathered building components should be inspected 1-2 times a year after cleaning. Minor damage should be repaired immediately. Carry out any necessary touch-up coats promptly, before damage such as fungal growth, blistering, greying, flaking, cracking, etc. occurs. To ensure a longer service life for glazed surfaces, we recommend maintenance using BIOFA Glaze Refresher 5295 (please refer to the technical data sheet for 5295).

Recommended tools:



- 1. 009949 / 009934** Flat brush 50 mm / 70 mm for oily products
- 2. 009951 / 009980 / 009982** Microfibre paint roller
- 3.** 100 mm / 180 mm / 250 mm
- 4. 009952 / 009996 / 009954** Roller bracket for
- 5.** 100-120 mm / 180-200 mm / 250-270 mm roller
- 6. 009973** Handle for paint roller
- 7. 0600** BIOFA Brush Cleaner for cleaning tools

Drying:

Der Anstrich ist nach max. 2 Std. staubtrocken und nach 6 Stunden schleif- und überstreichbar (20°C / 50-55 % rel. Luftfeuchte).

Verbrauch/Ergiebigkeit pro Auftrag:

The paint is dust-dry after a maximum of 2 hours and can be sanded and recoated after 6 hours (20°C / 50-55% relative humidity).

Consumption/coverage per application:

The amount used depends heavily on the absorbency and nature of the surface. On smooth, sanded wood, the following average values apply:

1. Application rate: 80-110 ml/m² or 9-12 m²/l
 - 2nd and 3rd coats: 60-80 ml/m² and 12-16 m²/l respectively
- With rough-sawn timber, consumption can be twice as high!

Storage:

Store in a cool but frost-free place, in a dry environment and in a tightly sealed container. Use opened containers as soon as possible. Best before two years when unopened!

Packaging:

Tin cans or buckets with a white interior coating

Disposal:

Dispose of any remaining liquid product and any containers that have not been completely emptied and cleaned at a collection point for waste paints and varnishes, or dispose of them in accordance with the relevant local or national legal requirements. Small residual quantities and soaked work materials can be disposed of with household waste once they have dried out.



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Only put completely empty and clean containers out for recycling.

EAK waste code according to the European Waste Catalogue: 08 01 12

Hazard and safety information:

Warning! Spraying may produce dangerous respirable droplets. Do not inhale aerosols or mist. Contains 1,2-benzisothiazol-3(2H)-one. May cause allergic reactions. Advice for those allergic to isothiazolinones: Tel.: +49(0)7164-9405-0.

Keep out of reach of children. If medical advice is needed, have the product container or label at hand. Avoid contact with eyes and skin. In case of contact with eyes or skin, rinse thoroughly with water.

When applying by spraying, do not inhale the spray mist and wear suitable respiratory protection (combination filter A2/P2) and safety goggles. Use a dust filter (P2) when sanding. Do not allow the product to enter the soil, watercourses or the sewer system. The natural raw materials may give off a characteristic odour!

Safety data sheet available on request.

VOC labelling in accordance with the Decopaint guidelines and the ChemVOCFarbV:

EU limit value (Cat. A/e): 130 g/l (2010)

8101 and 81011 contain a maximum of 13 g/l VOC.

GISCODE: BSW10