

# Hard Oil Aqua

8045 semi-gloss  
8245 mat

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



## Properties:

Hard Oil Aqua is a watersoluble coating for wood finishes in indoor applications. It brings out the natural structure of treated substrates and results in a semi-gloss or mat, durable, and water-repellent finish that is essentially resistant to yellowing. For efficient, timesaving surface treatment on floors, interior builtins and indoor and outdoor furniture surfaces. Suited as primer and topcoat. Both oils fulfil the toy standard EN 71.3, Hard Oil Aqua satin gloss fulfils the stain test according to DIN 68 861-1:2011, Hard Oil Aqua mat the standard for sweat and saliva fastness DIN 53 160. Hard Oil Aqua was tested for anti-slipping properties pursuant to Swiss bfu/EMPA criteria and has the following GS values: Rubber, smooth: GS 2; Rubber, fine grooves: GS 3; Plastics, rough grooves: GS 3; Leather, smooth: GS 1. The delivery viscosity of hard oil aqua is 30-40 sec. in the DIN 4 dispensing cup.

## Ingredients:

Water, aliphatic polyurethane dispersion, plant-based fatty acids from linseed oil and soy oil, Rice wax dispersion, polysiloxane, polyvalent alcohols.



## Processing steps:

**1. Preparation** The substrate must be dry (max. wood moisture content: 12%), absorbent, dirt and grease-free. Remove old paint coats. Finish sand with 240 grit on furniture surfaces, with 150-180 grit on flooring.

**2. Coating** Stir BIOFA Hard Oil Aqua well and apply thinly and evenly with a short-pile velour roller, brush or by spraying. The product can be applied using standard professional spraying methods such as airless/airmix, HVLP or cup gun. When applying with a cup gun, we recommend an air pressure of approx. 3-4 bar and a nozzle diameter of 1.0 to 1.5 mm. For roller application, it is generally recommended to work with foam rollers. After approx. 6 hours, intermediate sanding is carried out with 150 to 180 grit in the floor area and 240 grit in the furniture area. A second coat is then applied as described above. If a strong accentuation is desired, the BIOFA Universal Hard Primer Art. No. 3754 solvent-based is applied evenly in a cross coat using a short-pile floor roller. After approx. 30 minutes, any excess hard primer that has not been absorbed is evenly distributed with a rubber scraper to areas that are still absorbent or removed cleanly (always observe the technical data sheet for 3754!). Allow the surfaces to dry for 16 to 24 hours and carry out an intermediate sanding with 150-180 grit in the floor area or 240 grit in the furniture area. Then apply a second coat of BIOFA Hard Oil Aqua as described above.

**Important:** Hard Oil Aqua is quickly absorbed and must be applied quickly and without any build-up. Definitely carry out test coats! Mix containers from different batches before processing! Do not process below 16 ° C! Ensure optimal fresh air circulation during processing and drying!

**4. Equipment cleaning** Clean with water and soap or with BIOFA Brush Cleaner item no. 0600 immediately after use.

**5. Cleaning and caring for the finish** Dry cleaning with soft broom, rag, mop, or vacuum brush. For wet cleaning, use a ph-neutral, mild cleaning agent in lukewarm water. We recommend BIOFA NACASA® Universal Cleaner 4010 or.

### Drying:

Dust-dry after 2 hours, sandable and recoatable after 6 hours (20°C / 50-55 % rel. humidity).

Surfaces coated with BIOFA Hard Oil aqua are fully loadable after 2 days. Drying may be inhibited in low temperatures, high ambient humidity and substrate moisture, and with tanninrich woods, tropical woods, and cork.

### Consumption/yield:

1st coat: 70-80 ml/m<sup>2</sup> or 12-14 m<sup>2</sup>/l.

2nd coat: 60-70 ml/m<sup>2</sup> or 14-17 m<sup>2</sup>/l.

Consumption and yield greatly depend on the absorption and condition of the substrate.

### Storage:

Keep cool, away from frost, dry and properly sealed.

### 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 cleaned or completely emptied containers with hardened residual quantities, or dispose in compliance with local statutory regulations!

German Waste Classification Directive waste code iaw. European waste classification: 08 01 11\*

### Safety instructions:

**Keep out of the reach of children. If medical advice is needed, have packaging or label ready. Do not get in eyes, on skin, or on clothing. In case of contact with eyes or skin, wash immediately with plenty of water. When spraying, do not inhale the spray and spray mist and wear suitable respiratory protection (combination filter A2 / P2). Use respiratory protection (dust filter P2) when grinding. Ensure adequate skin protection! Ensure good ventilation during processing and drying. Do not allow to enter sewers, water bodies or the ground. A typical smell of the product is possible.**

**Safety data sheet available on request.**

GISCODE: BSW10

**VOC labeling iaw. Decopaint directive and ChemVOCFarbV:**

EU threshold (Cat. A/i): 140 g/l (2010)

8045 contains max. 120 g/l VOC