

## BIOFA Primer Aqua solvent-free Item no. 1211

### Characteristics

BIOFA Primer Aqua is a water diffusible, white, highly filling primer and undercoat suitable for wood and wood materials. It dries quickly and is highly sandable. It has good adhesion and produces a high filling power and coverage. It is suitable as a primer for all BIOFA varnishes for the interior and exterior.

**Warning!** BIOFA products for exterior areas serve to complement the structural protection of the wood. Therefore, it is very important to pay attention to the structural (constructed) wood protection during the planning and execution stages of the project (in accordance with DIN 68800-2(4)). Avoid horizontal surfaces where water may collect. The bottoms of vertically standing wood should be protected such that water does not leech into the wood.

### Inhaltsstoffe

Water, binding agents based on sunflower and linseed oil, chalk, talc, clay, titanium dioxide, diatomaceous earth, polyvalent alcohol, swelling clay, emulsifier, netting agents, thickening agents, and zinc and iron-based drying agents.

### Directions:

#### 1. Pre-treatment

The surface must be clean, stable, dry (wood humidity of max. 12%) and free of grease. Clean and de-grease the surface with alcohol if needed. Old, crumbly coats of paint should be completely removed and sanded down. When working with a new layer of varnish, ensure that the wood-type is suitable. The varnish may bleed through woods containing tannic acid, such as oak wood, and tropical woods and may lead to heightened drying delays.

Such surfaces should be washed thoroughly with methylated spirit or a turpentine substitute and left to dry overnight. Take care to maintain the wood's constructive protection.

Wood surfaces should be pre-sanded with 150-180 grain sandpaper. It may be necessary to wet and then sand the wood. Any areas that need to be filled should be filled before applying the primer.

#### 2. Application

Mix the primer well before use. Apply the first coat by rolling, brushing or spraying. Up to 5% water can be added to thin the first coat. Only use soft, long-haired spliced acrylic paint brushes and fine-pored foam rollers or foam-flock rollers.

**Professionals:** Each coat should be about 100 µm thick.

After 12 hours, sand and remove sanding dust completely. Do not process under +12°C and at over 80% humidity.

When applying with a sprayer, thin the primer with 5-10% water and calibrate the spray parameters like pressure, nozzle diameter etc. to match the spray and process method.

**Important! Ensure optimal fresh air circulation during the application and drying steps. Make trial runs.**

#### 3. Cleaning of Work Equipment

After use, wash equipment with BIOFA Brush Cleaner 0600 immediately to avoid drying. Let dried paintbrushes and rollers stand in the Brush Cleaner for at least 24 hours to ensure adequate cleaning.

#### Drying

The painted surface will be dry after 6 hours and sandable and paintable after a 12-hour drying period (20°C/ 50-55% relative humidity).

The information and references in this Technical Datasheet are binding. Consult the Application Department of BIOFA before deviating from these instructions. Abide by general construction rules. This Technical Datasheet supersedes all previous statements.

## Use/Yield per Application

70-90 ml/m<sup>2</sup> or 10-15m<sup>2</sup>/l. The yield is highly dependent on the quality and absorbing capacity of the surface.

Excessively thick layers will not dry properly.

## Storage

Store securely closed container in a cool, frost-free, dry area. The varnish may develop a skin, which should be removed before use. Run the varnish through a sieve if necessary.

## Containers

1 l / 2,5 l / 5 l coated metal containers

## Hazard Warnings

**Warning!** Soak work materials (cloths, rags, clothing) saturated with product in water and allow to dry spread out on a fireproof surface. Alternatively, seal and store in an airtight metal container. **Heightened risk of spontaneous combustion due to drying oils!**

Keep away from children. Before use, read the label carefully. Protect eyes and skin from contact. When contact with eyes or skin is made, rinse immediately and thoroughly with water. Do not inhale spray mist when spraying. Wear appropriate breathing masks (combination filters A2/P2). Ensure adequate ventilation during handling and drying. Do not pour into sewer system, bodies of water or soil. A subtle odor from the natural raw materials is possible. Wear a fine particle mask (P2) when sanding.

The Safety Data Sheet is available upon demand.

## Disposal

Liquid paint residues and containers that have not been completely emptied should be disposed of according to local/ national regulations. Small amounts of left-over product and saturated utensils may be disposed of with household waste after drying.

Only completely emptied and cleaned containers may be disposed of in the recycling.

Waste Directory in accordance with the European Waste Catalogue: 08 01 12

GISCODE: BSW30

## VOC-Labeling in accordance with the Decopaint regulation and the German Paint VOC Regulation:

EU Threshold (Cat. A/d): 130 g/l (2010)  
1211 contains max. 35 g/l VOC.

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