

**BIOFA VERNILUX Aqua  
enamel paint  
interior, solvent-free  
Item no. 5135 white, silky matt  
Item no. 5134 colored, silky matt  
Item no. 5136 white, satin- gloss**

### Characteristics

Water diffusible, robust and water repellent interior enamel paint made of natural raw materials. It has good adhesion and a high coverage. The enamel paint is suitable for all interior wood surfaces, such as doors, railings, furniture, interior construction, etc. It is also suitable for metal surfaces as well as radiators and heating pipes after they have been treated appropriately. It complies with the Norm EN 71, Section 3 (Safety of Children's Toys) and the DIN 53160 (Resistance to sweat and saliva).

### Ingredients

Water, binding agents based soybean oil fatty acid, titanium dioxide, chalk, talc, polyhydric alcohol, matting agent (only in 5114, 5115), pigments depending on color shade, wetting agent, swelling clay, defoamer, zinc drier, surface additive, preservative (benzisothiazolinone).

### Directions:

#### 1. Pre-treatment

The surface must be dry (with a wood humidity of max. 12%), stable and free from blemishes. Old, crumbling coats of paint should be completely removed and sanded down. Wood high in tannic acids, such as oak, and tropical species, such as framire, should be washed thoroughly with methylated spirit or a turpentine substitute before the first coat. Wood treated in such a way should be left to dry thoroughly. Final sanding with P 120 grit.

#### 2. Priming

Treat untreated wood with BIOFA Primer Aqua 1211. Pre-treat corroded metal, zinc and galvanized surfaces with a rust-protection paint. Sand with P 180-220 grit after thorough drying.

#### 3. Second and Final Coat

Mix the paint well. May be thinned with 3-5% water as needed. Then apply two coats (70-80 µm wet film thickness per coat) with a brush or roller. Only use soft, long-haired, spliced acrylic paint brushes or fine-pored foam rollers or foam flock rollers. Sand between coats with P 220 grit.

For application by spraying, dilute the paint with 5-10% water and adapt the spraying parameters such as pressure, nozzle diameter, etc. to the respective spraying and application method accordingly.

#### Radiators and Heating Pipes

Surfaces must be cleaned thoroughly: rust and dirt should be removed, the surface should be sanded and dusted. Pre-treat with a suitable rust-protection paint. Galvanized surfaces should be pretreated with a suitable primer. Apply two coats of VERNILUX Aqua, sanding between coats. Radiators and heating pipes should only be painted when completely cool. Allow the paint to dry and keep the radiator off for two weeks after the final coat has been applied before using the radiator again.

#### 4. Cleaning of 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.

**Important: Make trial runs! Mix together paints with different lot numbers before use. Ensure optimal fresh air circulation during the application and drying steps.**

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.

**Do not process under +12°C and at over 80% humidity.**

### **Warning!**

When taking a painting break, let the work materials and equipment sit in the varnish. Do not rinse out or store in water.

### **Drying**

The painted surface will be dry after 6-8 hours. It will be sandable and paintable after 16-24 hours (20°C/50-55% relative humidity). The varnish will be completely dry after 7 days.

### **Use/Yield per Application**

Brush / roller: about 40-60 ml/m<sup>2</sup> or 16-25 m<sup>2</sup>/l.

### **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**

white: 0,375l / 1l / 2,5l  
colored 1l / 2,5l  
coated metal containers

### **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

### **Hazard Warnings**

Contains 1,2-benzisothiazol-3(2H)-one. May cause allergic reactions. Advice for isothiazolinone allergy sufferers: Tel.: +49(0)7164-9405-0. Caution! Hazardous respirable droplets may be formed during spraying. Do not inhale aerosol or mist.

### **Safety instructions**

Keep out of the reach of children. If medical advice is needed, have package or label at hand. Do not get in eyes, on skin or on clothing. Wear protective gloves/eye protection. In case of contact with eyes or skin, rinse immediately with plenty of water. Ensure thorough ventilation during application and drying. Wear suitable respiratory protection (combination filter A2/P2) and protective goggles when spraying. Use dust filter P2 for grinding work. Carefully cover all substrates which are not to be coated. Do not allow to enter drains, water courses or soil. A typical odor of the natural raw materials is possible!

Safety data sheet available on request.

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

EU Threshold (Cat. A/d): 130 g/l (2010)  
5134-5136 contain max. 50 g/l VOC.

**GISCODE:** BSW30

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