

BIOFA VERNILUX Aqua enamel paint , satin gloss, solvent-free Item no. 5142 white Item no. 5141 colored

Characteristics

Water diffusible, robust and water-repellent enamel paint made from natural materials, suitable for exterior use. It has a high coverage, good adhesion and permanent elasticity. This varnish fulfills the Norm EN 71, Part 3 (Safety of Children's Toys) as well as the DIN 53160 (sweat and saliva resistant). It is suitable for all exterior wooden surfaces, such as: window frames, doors, railings, garage doors, wooden boarding and more. Metal surfaces should be pre-treated appropriately.

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 soybean oil fatty acid, titanium dioxide, chalk, talc, polyhydric alcohol, matting agents, pigments in accordance with color scheme, netting agents, welling clay, defoamers, zinc drying agent, surface additives, preservative (benzisothiazolinone).

Directions:

1. Pre-treatment

The surface must be clean, stable, dry (wood humidity of max. 12%) and free of grease. Remove old crumbly coats of paint. Sand intact

coats thoroughly, making sure to round out the corners. Wood containing 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. Allow to dry thoroughly and sand with P 180-220 grit.

3. Second and Final Coat

Mix the paint well. May be thinned with 3-5% water if needed. Then apply two coats (each 70-80 µm thick) using a paintbrush or a foam roller. Only use soft, long-haired spliced acrylic paint brushes and fine-pored foam rollers or foam-flock rollers. Sand the surface with P220 grit between coats.

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

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.

Important: Make trial runs! Mix together paints with different lot numbers before use. Thoroughly mix paint before and during use. Ensure optimal fresh air circulation during the application and drying steps. Do not process under +12°C and at over 80% humidity. Attention When taking a painting break, let the work materials and equipment sit in the paint. Do not rinse out or store in water.

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.

Inspect finished wood surfaces regularly, repair small damages immediately, this will prolong the durability

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 paint will be completely dry after 7 days. Longer drying times are to be expected with heavier coats, unfavorable climatic conditions, as well as with woods containing tannic acid, such as oak or chestnut, and tropical woods.

Use/Yield per Application

Painting/rolling: about 40-60 ml/m² or 16 -25 m²/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 / 1 l / 2,5 l
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)
5122, 5123 contain max. 50 g/l VOC.

GISCODE: BSW30

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