

BIOFA AQUALUX Plus
Enamel Paint
Interior, solvent-free
Item No. 5114 white, silky matt
Item No. 5115 colored, silky matt
Item No. 5117 white, silky glossy
Item No. 5118 colored, silky glossy

Characteristics

Water diffusible, robust and water repellent interior varnish made of natural raw materials. It has good adhesion and produces a high yield. The varnish 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 on sunflower and linseed oil, titanium dioxide, chalk, polyvalent alcohol, matting agents, pigments for colors, talc, emulsifier, netting agents, thickening agents, defoamers, Zinc- and Iron based drying agents, surface additives.

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. **Professionals:** Apply two coats 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 pressure, nozzle diameter etc. 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 pre-treated with a suitable primer. Apply two coats of AQUALUX Plus, 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.

Important: Excessively thick layers will not dry properly. Make trial runs! Mix together paints with different lot numbers before use. Ensure optimal fresh air circulation during the application and drying steps. 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.

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.

4. 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 6-8 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/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

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

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

EU Threshold (Cat. A/d): 130 g/l (2010)
5114-5118 contain max. 60 g/l VOC.

GISCODE: BSW30

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