

BIOFA AQUALUX Colour
Enamel Paint, interior, glossy,
solvent free
Art. Nr. 5102-03

Properties

Solvent-free, water-dilutable, glossy, dirt- and water-repellent varnish made from natural raw materials for inside. This finishing varnish is characterised by its limited scratch resistance, good adhesion and high coverage.

The varnish is suitable for all types of wood inside such as e.g. windows, doors, railings, furniture, interior fittings, etc. Also suitable for metal substrates as well as radiators and heating pipes after respective pretreatment.

Attention! The natural oils used may cause yellowing if surfaces are exposed to only little light or exposed to thermal stress.

Ingredients

Water, chalk, linseed oil, pigments depending on colour, colophonium resin boiled with linseed oil, non-crystalline silicate, fatty acid alcohol ester, silicon acid, swelling clay, cobaltbis(2-ethylhexanoate), zirconium and calcium octoate dryer, Contains methylisothiazolinon (See below for allergy hotline!)

Instructions for use:

1. Pretreatment

Substrates must be dry (max. 12% wood moisture), stable, in good condition and free of soiling. Remove old, brittle paint coats. Thoroughly wash wood containing tannic acid (e.g. oak) or tropical wood (e.g. Framire) with white spirit or ethyl alcohol prior to the initial treatment and allow to fully dry. Final sanding as of P 120.

2. Basecoat

Prime wood with Vorstreichfarbe (Undercoat) 1210, metal components with an adequate Anticorrosive Paint. Sand primer with P 180-220 when fully dry.

3. Intermediate coat and topcoat

Stir varnish thoroughly. Then apply two coats (70-80 µm wet film thickness per coat) by brush or roller. Only use soft, long-haired, split acrylic varnish or glaze brushes. Carry out intermediate sanding with grit size P 220 between coats.

Sprayer Technical Data:

Cup gun with compressed air: Nozzle 1.8-2.2 mm, spray pressure 3-5 bar (dilute with approximately 5-10% water).

Airless spraying: Nozzle 0.011-0.015 inch, pressure 60-120 bar, spray angle approximately 20°.

Radiators and Heating Pipes

Thoroughly clean sub-surfaces, removing rust and dirt, sand smooth and remove dust. Pre-coat once with an adequate Rust Protectant Paint. Pre-treat galvanised sub-surfaces with a suitable primer. Apply two layers of AQUALUX colour with intermediate sanding. Only paint radiators and pipes when they are cold. Bring the heating back into operation 2 weeks after the last coat, at the earliest.

Important: Carry out preliminary tests! Mix containers from different charges before use! Provide optimum fresh air circulation during product application and drying indoors! Do not apply below 12°C or at above 80% air humidity!

Attention!

Leave tools in varnish during breaks. Do not rinse or store in water.

4. Cleaning of tools

Wash out with BIOFA Brush Cleaner 0600 and water immediately after use.

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Leave brushes or rollers with dried-on paint to soak in brush cleaner at least 24 hours

Drying

Dust dry after 6-8 hours, sandable and recoatable after 16-24 hours (20°C/50-55% rel. air humidity). The varnish is fully dry after 7 days.

Consumption/spreading rate per coat

Application by brush/roller: approx. 80-100 ml/m² or 10 -12 m²/l.

Storage

Cool but frost free, dry and sealed airtight. Skin formation is possible. Remove skin prior to renewed use. If necessary, sieve varnish!

Container size

0.375 l / 0.75 l / 2.5 l / 5.0 l metal containers varnished inside.

Safety instructions

Attention! Store work materials such as rags, sponges, clothes, sanding dust, etc. soaked with the product in airtight metal containers or rinse, spread and allow to dry on non-inflammable surface (**risk of spontaneous ignition!**). The product itself is not self-igniting.

Contains Cobaltbis(2-ethylhexanoat). The product itself is not self-igniting, but is flammable. Can cause allergic reactions. Keep out of reach of children. Do not inhale vapours or aerosol. Use only in well-ventilated areas. When heating or spraying, explosive vapour/air mixtures can be generated! Wear fine dust mask when sanding or grinding. Wear adequate skin protection when preparing! There may be an odour typical of the natural raw materials

Disposal

Dispose of liquid product residue at collection points for old paints/varnishes or dispose of according to locally applicable regulations. Small quantities of residue and soaked work materials can be disposed of along with domestic waste after drying.

Only recycle cleaned or completely empty packaging with cured deposits or dispose of according to locally applicable legal regulations. Uncleanable packaging and packaging not emptied appropriately must be treated and disposed of like the product!

VOC identification according to Deco-paint Directive and ChemVOCFarbV (Directive on the limitation of emissions of volatile organic compounds due to the use of organic solvents in paints and varnishes):

EU limit value (cat. A/d): 130 g/l (2010)
5102-03 contains max. 10 g/l VOC.

Waste Incineration Ordinance[AVV]-
Waste Code according to European Waste Catalogue: 08 01 12

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