

BIOFA Vorstreichfarbe lösemittelfrei (Undercoat, solvent-free) Art. No. 1210

Properties

BIOFA Vorstreichfarbe lösemittelfrei is a white, highly filling, quick drying and easily sandable primer. It is moisture-vapour permeable and durably elastic. Suitable for all BIOFA finishing varnishes applied to wood and wooden materials, plastic and as undercoat for metal surfaces inside and outside. Also suitable for mineral surfaces inside (must be ph-neutral.)

Attention! BIOFA products for outside are designed to round off the structural protection of wood. According to the BIOFA philosophy we do without hazardous substances in our products as far as possible. This is why the structural protection of wood must always be taken into consideration (DIN 68800-2(4)). In addition to the correct implementation of the construction, the correct choice of the wood type or quality is decisive. The durability classes according to DIN EN 350-2 and the resistance classes according to DIN 68364 provide information on the stress resistance of wood in different weather situations. In some cases, chemical wood protection is inevitable. This is why DIN 68800 specifies in detail how to use such products.

Ingredients

Water, chalk, titanium dioxide, linseed oil, talcum, swelling clay, silicon dioxide, linseed oil fatty acid ester, cobaltbis(2-ethylhexanoate). Contains methylisothiazolion (See below for allergy hotline).

Instructions for use:

1. Pretreatment

Substrates must be clean, stable, in good condition, dry, (max. wood moisture 12%) and free of grease. If necessary, clean

thoroughly or degrease with ethyl alcohol. **Old coatings:** Remove brittle paint coats. Adhesion to most alkyd and oil paints is usually good. Sand until smooth. **New coatings:** Pay attention to wood type. In case of wood containing tannic acid (e.g. oak) and tropical wood, the wood substances may bleed through and strongly slow down the drying process. Wash these substrates with ethyl alcohol or white spirit thoroughly and allow to dry overnight. Ensure structural protection of wood is provided (e.g. no sharp edges, etc.). Sand wooden and plastic surfaces with 150-180 grit size. If necessary, prewet wood and sand. Fill and surface substrates before applying the undercoat.

2. Application

Stir well before use. Apply 1-2 coats by brush, roller or spray equipment. Can be diluted up to 5% with water for brush and roller application. Only use soft, long hair, split acrylic varnish brushes (no natural fibre bristles).

Wet film thickness to be applied per coat: approx. 100 µm which corresponds to approx. 40 µm dry film thickness.

Sand finely after 12 hours and remove sanding dust thoroughly. Do not apply below +12°C or above 80% air humidity.

Important: Provide optimum fresh air circulation during product application and drying! Carry out a preliminary test!

Spraying data:

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

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

The data and information provided in this technical data sheet are binding. If it is necessary to deviate from these provisions, the Application Technology Department of BIOFA must be consulted in advance. The general rules for structural engineering are to be complied with. With publication of this technical data sheet all previous data sheets regarding this product are no longer valid.

3. Cleaning of tools

Clean with water and BIOFA Brush Cleaner 0600 immediately after use. Leave brushes or rollers with dried-on paint to soak in brush cleaner for at least 24 hours.

Drying

Dust dry after 12 hours, sandable and recoatable after 24 hours (20 °C/50-55% rel. air humidity).

Consumption/spreading rate per coat

80-100 ml/m² or 10-12 m²/l, but strongly depends on the substrate's absorbency.

Storage

Cool, dry, but above freezing point and sealed airtight. Skin formation is possible. Remove skin prior to use. If necessary, sieve varnish!

Shelf life: 1 year. Use up opened containers soon.

Container size

0.375 l / 0.75 l / 2.5 l / 5 l metal containers.

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, but inflammable. Contains cobalt-bis(2-ethylhexanoate). 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 residues at collection points for old paints/varnishes or dispose of according to locally applicable legal 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)

1210 contains 5 g/l VOC.

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

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