

BIOFA WOOD BLISS 1 Holzschutzmittel Konzentrat (Wood Preservative Concentrate) Art. No. 1030

Properties

WOOD BLISS 1 is a solvent- and biocide-free, colourless, water-dilutable concentrate for the preventive and protective treatment of wood inside. Suitable for protecting wood from animal wood pests (including termites) and vegetable wood pests. The product also has a wood-stabilising and fire-retarding effect in the case of fire. It is absolutely free of harmful substances, odourless and thus gives off no hazardous vapours or other toxic substances. Can reduce existing emissions of harmful substances in the wood. WOOD BLISS 1 complies with the standards EN 46 against insect growth (xylophaga) and EN 113 against fungoid growth. Its efficiency against termites has been tested and confirmed by the Mississippi Forest Products Laboratory (USA) and its fire-retarding effect by the Underwriters Laboratories Inc. (USA). The effectiveness of WOOD BLISS 1 is based on a chemical modification of the wood cell walls through a mineral silification process. The wood is then no longer detectable and usable by wood pests up to the product's penetration depth. Thanks to the highly alkaline and silicifying effect existing fungoid structures are killed by destroying their cell structure. Impregnation of galleries and loopholes sticks down and kills existing insects. Silification of the wooden surface prevents all new infestation. Especially recommended for areas frequented by allergy sufferers, asthmatics, persons sensitive to and affected by chemicals, small children and animals (e.g. bee boxes, stables, etc.) and surfaces in contact with foodstuffs.

Do not for wood outside!

WOOD BLISS 1 must not be recoated with varnishes, glazes, oils, etc.!

Ingredients

Water, cellulose, polysaccharide, vegetable oils, potash, silicates, vegetable colorants, natural resins, lignin, silicon dioxide, xylose, abietin acid.

Instructions for use:

1. Pretreatment

Components to be treated must be clean and free of grease. If necessary, clean with water and neutral, mild soap and allow to dry well. Remove old coatings entirely and thoroughly.

2. Application

Dilute one part of WOOD BLISS 1 (stir well before use) with three parts of water and mix thoroughly. The product can be applied by brush, spray equipment, dip-coating, flow-coating, bore-hole and boiler pressure impregnation. The application method depends on the respective object. Stir the diluted mixture frequently during the application. Two coats must be applied. The first coat must have dried before applying the second one. In case of woodworm infestation, inject WOOD BLISS 1 liberally into the galleries with an injection device until fully saturated. Slight whitish or greyish surface discolouring is possible due to excessive material or reactions with wood substances. This is easy to remove simply by brushing or sanding. If used as fire protection coating, dilute the 1st coat 1:3, apply the 2nd coat undiluted.

Up to its final fixation in the wood (approx. 6 weeks), WOOD BLISS 1 can be easily washed out.

Attention: Due to the product-specific alkaline character many wood types (especially wood containing tannic acid such as oak, etc.) may discolour. Always carry out a preliminary test application in an unremarkable area prior to application to the entire surface.

Do not use aluminium or zinc tools or other light metals. Do not apply below 5°C. When using the product against dry rot, apply like standard remedies. Water-bearing fungus threads growing in the masonry must be treated and prevented by means of appropriate injections.

All other sources of moisture must be eliminated because no durable protection is possible otherwise. It is not possible to restore destroyed wooden components with WOOD BLISS 1.

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.

Important: Carry out preliminary tests! Do not use below 5° C.

3. Cleaning of tools

Clean with water and BIOFA Brush Cleaner 0600 immediately after use.

Drying

At an average temperature of 20°C and 50-55% rel. air humidity, the second coat of WOOD BLISS 1 can be applied after 24 hours.

Consumption/spreading rate

1 litre of WOOD BLISS 1 diluted with 3 litres of water is sufficient for approx. 40 m² for one coat. However, the consumption rate depends on the type, absorbency and surface roughness of the wood. Higher consumption rates or repeated application are to be expected due to the larger surface to be treated in case of badly damaged old wood and roughly sawn or cracked wood structures.

Storage

Cool, but above freezing point, dry and sealed airtight. Use up opened containers soon. Minimum shelf life of unopened containers: 1 year!

Container size

0.25 l / 1 l / 5 l PP or PE containers.

Safety instructions

Product reacts alkaline. Keep out of the reach of children. Avoid contact with eyes and skin. Wear suitable protective gloves and eye/face protection. In case of contact with eyes or skin, rinse immediately with plenty of water. When spraying, do not breathe spray mist. Wash off splashes on alkali-sensitive substrates such as varnish, wood, metal, plastic, glass, etc. immediately.

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 packag-

ing not emptied appropriately must be treated and disposed of like the product!

VOC identification according to Decopaint 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/h): 30 g/l (2010)
1030 contains 1 g/l VOC.

Waste Incineration Ordinance[AVV]--

Waste Code according to European Waste Catalogue: 06 02 99

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