

BIOFA NAHOS Holzschutzmittel Konzentrat (Wood Preservative Concentrate) Art. No. 1035

Properties

NAHOS is a solvent- and biocide-free, colourless, water-dilutable concentrate based on mineral and (renewable) vegetable raw materials for the preventive and protective treatment of wood inside. It is suitable for protecting wood from animal wood pests (including termites) and vegetable wood pests. It is absolutely free of harmful substances, odourless and thus gives off no hazardous vapours or other toxic substances.

It is food safe and can be safely used in non-ventilated rooms. All organic components are biodegradable. NAHOS stabilises and binds infested and friable wood, reduces its inflammability, is moisture-vapour permeable and permits the essential moisture equalisation. It indicates infestation of the wood with colouring fungi (by means of coloured indication that disappears after drying) and has a good conditioning effect on the wood. The natural wood texture remains fully intact and the surface is provided with a slightly silky appearance.

NAHOS is suitable as general preventive wood protection against insects and fungi, as wood preservative especially against existing anobia and insects of similar size and colouring fungi, e.g. blue stain.

The product is also suitable for cleaning, retouching, restoring, refining and preserving antique wood and furniture.

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. Moreover, the wood is durably stabilised, maintained and of lower inflammability in the case of fire. Thanks to the 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 use for wood outside!

Ingredients

Water, aluminium oxide, calcium oxide, fruit acid, potassium palmitate, silica, silicon dioxide, magnesium oxide, sodium carbonate, sodium chloride, transparent vegetable colorants, vegetable fats, vegetable oils.

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

Stir NAHOS Holzschutzmittel-Konzentrat well before use. Dilute 1 part of NAHOS with 9 parts of water and mix thoroughly. Apply the mixture by brush, spray equipment or dip-coating. The first coat must have dried before applying the second one. Apply approx. 200 ml/m² in 2-3 operations. Stir or shake the diluted NAHOS solution well frequently during the application. In case of woodworm infestation, inject NAHOS liberally into the galleries with an injection device until fully saturated. Boiler pressure injection is possible. It is recommended to apply a higher concentration (1 part of NAHOS, 5 parts of water) around insect holes in the surfaces as well as for frass sampling injection in case of heavily infested wood with wood worms, as well as badly damaged and friable wood (old beams, old furniture)

Treated wood can be coated with BIOFA varnishes, glazes, oils and waxes after 48 hours of drying and intermediate sanding.

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.

Attention: Carry out a preliminary test! If accidentally applied to metal components, wash off immediately. Mould formation when leaving the containers open for a long time is not a sign of low quality but of the biological purity as we do not use traditional preservatives. The mould can be easily removed from the surface and the product can still be used. Do not use under 5°C!

3. Cleaning of tools

Clean with water and BIOFA Brush Cleaner immediately after use.

Drying

At an average temperature of 20°C and 50-55% rel. air humidity, the next coat of NAHOS can be applied after approx. 24 hours. BIOFA varnishes, glazes, oils or waxes can be applied 48 hours after applying the final coat of NAHOS.

Consumption/spreading rate

1 litre of NAHOS diluted with 9 litres of water is sufficient for approx. 50 m² for one coat. However, the consumption rate depends on the type, absorbency and surface roughness of the wood. Higher consumption rates are to be expected due to the larger surface to be treated in case of badly damaged old wood, roughly sawn or cracked wood structures and impregnation of galleries and loopholes.

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

0.125 l / 0.25 l, 1 l PP or PE containers.

Safety instructions

Keep out of reach of children. Avoid contact with eyes, skin and acid-sensitive sub-surfaces! Use appropriate protective gloves and goggles when working. In case of contact with the eyes or skin or acid-sensitive sub-surfaces, rinse with water thoroughly and immediately. Do not inhale spray vapour.

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 or be diluted 1:40 with water and emptied into drains. 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 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)

1035 contains 1 g/l VOC.

Waste Incineration Ordinance[AVV]-

Waste Code according to European Waste Catalogue: 06 01 99

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