

AQUAPROFI HSL Blv (ex Aqua Lignex I)

Impregnating protective treatment for wood

3A47-a December 2024

Description

Product: AQUAPROFI HSL Blv is a water-based wood preservative (PT08) with preventive effectiveness against wood-boring insects (larvae) (*Hylotrupes Bajulus*) and wood-staining fungi (blue stain fungus).

Applications Preventive protection of wood both indoors and outdoors, without direct contact with the ground or water (e.g., garage doors, external wooden wall claddings, etc.). AQUAPROFI HSL Blv regulates the wood/air moisture exchange and, in the coloured version, provides effective UV radiation protection.

Active ingredients: Permethrin 0.1 % (w/w) and 3-iodo-2-propinyl butylcarbamate (IPBC) 0.8 % (w-w)

Certifications: The product is registered according to Biocides Regulation (BPR (EC) no. 528/2012) in IT, AT, DE, CH, CZ:

IT/2023/874/MRP, AT-0016052-BPF, DE-0014893-00-0000-08, CH-2023-0015, FR-2023-0059, CZ-0031411-0000.

It is formally validated for use class 1 (indoor wood not exposed to weather conditions or moisture) and against all target organisms in use classes 2 and 3 (outdoor wood that is sheltered or fully exposed to the elements). Efficacy-tested according to EN 599-1.

Colours: 00 – colourless, 01 – oak, 02 – larch, 03 – chestnut, 04 – walnut, 07 – ebony, 09 – palisander, 10 – light walnut,

11 – mahogany, 13 – pine, 27 – teak, 35 – Wengé, 42 – green, 48 – medium oak.

Packaging: 20 l metal container – 100l* and 1000l* (only on order)

Technical Data

Density: approx. 1.02 - 1.03 g/cm³, at +20 °C depending on the shades.

Flash point: >100 °C.

Viscosity: 48-51 s, Ford cup, 2 mm (11-12 sec. DIN 53211, 2mm) at +20 °C, depending on the shades.

Drying time: after about 2-4 hours according to the type of wood, the quantity applied and the atmospheric conditions. At low temperatures and/or high humidity, the drying time increases proportionally.

Odour: weak odour; odourless once dry.

Storage: 3 years. Store only in the original container in a dry, well-ventilated place, protected from frost. Do not store at temperatures above 30°C. Protect from heat and direct sunlight. Keep containers/partially used container(s) tightly closed. Keep out of reach of children and non-target animals or pets.

How to apply

General: Mix the product before use. Do not work at temperatures (ambient, support and product) of less than +10 °C.

Application systems: *Professional use:* brushing, Indoor/outdoor *Industrial use:* Brushing, automatic spraying, manual immersion or flow coating in industrial environments. Dipping is limited to manual immersion.

Surface preparation: The wood to be treated must be dry and free from dust and grease. Do not apply to wood with a moisture content over 18%. Completely remove any old film-forming paint or varnish because this will hinder the product penetrating the wood. On woods with differentiated absorbency, it is advisable to apply a first coat of AQUAPROFI HSL Blv colorless. Some types of tropical wood may delay drying due to internal substances; in this case, first clean the wood with nitro thinner (e.g., iroko).

Application advice: When dealing with large surfaces or highly absorbent wood, moisten the wood with a damp sponge before application. To prevent brush marks, treat the surfaces along their entire length following the direction of the grain. On end grain wood, it is necessary to increase the number of coats of AQUAPROFI HSL Blv to minimise water absorption as much as possible, or use a specific sealant such as AQUAPROFI SIEGEL. Metal fixings (nails, screws, hinges) and other metal parts that may come into contact with the product must be in a corrosion-proof material.

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Ensure adequate ventilation during and after application until the treated surfaces are dry.

Recommended treatments:

New wood outdoors without dimensional stability	2-3x AQUAPROFI HSL Blv coloured intermediate sanding, grit 280.
- New wood outdoors with partial dimensional stability	2-3x AQUAPROFI HSL Blv AQUAPROFI MS LASUR FK coloured intermediate sanding, grit 280
- Renewals on wood outdoors, either partially or in the absence of dimensional stability	Remove any poorly bonded paint or varnish; clean and sand down the surface to improve adhesion. Then 1-2x AQUAPROFI HSL Blv coloured If the wood has been restored as new, follow the instructions for new wood.

AQUAPROFI HSL Blv clear is pigment-free and therefore does not provide any UV protection. It is advisable to use it outdoors only as a finishing coat over a coloured base or to lighten dark shades. The effect of individual colours will vary with the type of wood and therefore it is always advisable to do a test application. We recommend checking the state of outdoor paint 2 years from application, particularly for items with south-west exposure and restore these if necessary.

Consumption: the quantity to apply is approximately 200 g/m², (2/3 coats depending on the wood absorption).

Yield: 10-12 m²/l

Recoatibility: after about 6 hours

Dilution: AQUAPROFI HSL Blv is ready to use and must not be diluted.

Tool cleaning: with water, immediately after use.

Special instructions

Use biocides safely. Always read the label and product information before use.

Instructions for use: Do not use on wood, or near wood that may come into direct contact with food, feed, beverages and livestock/pets. Contain any spillage by covering the ground or water (e.g. with tarpaulins) and dispose of safely. Keep children and pets away from treated surfaces until they are dry. If necessary, appropriate protective measures must be taken (especially cats and for protected species such as bats or birds).

This product contains the active ingredient permethrin, which is dangerous to bees. The biocide product is effective only against wood-piercing beetles and wood discolouring fungi (blue stain). It is not effective against wood-destroying fungi.

Risk Minimisation Measures specific to the application: When handling the product, it is essential to wear chemical-resistant protective gloves of class 2 or higher (EN 374). The wood preservative can only be used in a fixed system under a roof, on a hard, waterproof surface, above a drip tray. Excess preservative and leakage should be collected in the immediate vicinity of the system and properly disposed of or returned to the system's operation. Recently treated wood must be stored under cover or on a paved and waterproof surface, or both, to prevent product residue and contaminated water from seeping into the soil, drains, and waterways. Dripping

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product residues, contaminated water, and contaminated soil must be collected and properly disposed of in accordance with current local/national/international waste disposal regulations or returned to the facility.

The following RMM apply to automated spraying, manual dipping, and flow coating/flooding: N-10: It is necessary to wear an appropriate chemical protective suit (Type 6, EN 13034 or Type 3, EN 14605 or Type 4, EN 14605).

First aid measures: If medical advice is required, have the product container or label ready. **IF INHALED:** In case of symptoms, call a POISON CENTER or a doctor. **IN CASE OF INGESTION:** In case of symptoms, call a POISON CENTER or a doctor. **IN CASE OF SKIN CONTACT:** remove all contaminated clothing and wash them before reuse. Wash skin with water. If skin irritation or rash occurs: Get medical advice/attention. **IN CASE OF CONTACT WITH EYES:** In case of symptoms, rinse with water. Remove contact lenses, if present and easy to do. Call a POISON CENTER or doctor.

Pyrethroids (including permethrin) can cause paraesthesia (burning and tingling of the skin without irritation). If symptoms persist: Get medical advice/attention. Do not allow product to enter sewers or waterways. Inform the competent authorities in the event of spillage into watercourses or sewers. Collect the liquid with absorbent material (sand, diatomaceous earth, sawdust).

Waste disposal: Dispose of the product, product residues, contaminated material (including absorbent material) and packaging that is not completely empty at a hazardous waste collection point or an authorised hazardous waste collector. Dispose of empty product packaging in accordance with national waste legislation and regional and/or local authority requirements. The biocidal product or its dilution must not enter drains or the environment (especially surface water). Do not reuse the container.

Detailed information on disposal, water hazard class, VbF and ADR/RID is available in the safety data sheet, available at <https://myamonn.amonncolor.com/>

The above instructions reflect the latest information on the development and use of our product. Because we have no control over the onsite use and application of the product, we may only be held liable for the quality of the product as supplied. If in doubt please contact our technical consultancy service.