

HYDROGRUND PLUS

Impregnating protective primer for wood

3002-a September 2022

Description

Product: HYDROGRUND PLUS is a ready-to-use water-based wood preserving treatment and is recommended for protecting wood from fungi that damage it and cause discolouration. The product is recommended for use on wood in risk classes 2 and 3.

Applications: for the treatment of outdoor wood that is not in constant contact with soil or water, for example for windows, external doors, coverings, etc. To obtain adequate bad-weather protection an impregnating and/or finishing product should be applied subsequently.

Protection: preventive protection against blue-stain fungus, mould and dry rot (B, P, W).

Active ingredients: 0.9% (= 9g/l) Propiconazole, 0.31% (=3,1 g/l) of 3-Iodo-2-propinylbutyl carbamate.

Authorisations: DE-0024769-08, AT-0028552-BPF, IT/2015/00233/MRA.

Certification: no. 02/13 by the "Arbeitsgemeinschaft Holzschutzmittel", Vienna (A).

Oversight body: HFA – Vienna (A)

Colour: 00-colourless.

Packaging: 0,750 l - 2,5 l - 5 l - 100* l - 200* l (*by order only)

Technical data

Specific weight: approx. 1,00 kg/l at +20 °C

Flash point: not applicable.

Viscosity: approx. 45-47s, DIN cup 2 mm at +20 °C

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

Odour: weak odour; odourless once dry.

Storage: use the product within 18 months of the date of manufacture. Store at a cool temperature protected from frost. Close partially used tins carefully. Store only undamaged tins. During storage and when applying protective treatments to wood ensure compliance with the legislation governing the cleanliness of ground and surface water and air pollution. Do not smoke in storage areas.

How to apply

General: mix the product well before use. Do not work at temperatures below +10°C and above 35 °C (environment, surface or product) and with a relative humidity of < 85%.

Application systems: to be used by qualified professionals using a brush, immersion, flow coating, impregnating machine, spray and vacumat. Work only in ventilated environments. Do not spray.

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 15%. Completely remove any old film-forming paint or varnish because this will hinder the product penetrating the wood. Clean any resinous areas or pockets on the surface with acetone.

Application advice: During application of the product and when handling freshly treated wood, wear suitable protective clothing (overalls, gloves, footwear). When used professionally, the application processes must be carried out within an enclosed area on an impermeable, firm surface, in the case of industrial application using containment devices and a recovery system for product remains (eg sink). Treated wood must be dry before further handling (such as unloading, relocating).

Quantity to apply: Apply 80-160 g/m² (6,25 – 12,5 m²/l) with 1-2 applications. **Do not apply more than the maximum quantity.**

Dilution: AQUAPROFI HYDROGRUND PLUS is ready to use and must not be diluted.

Over-painting: to handle the product, approx. 1 hour in normal conditions. It can be over-painted with water-based products after about 4-8 hours. To ensure the efficacy of the treatment, the treated wood must be provided with a suitable triazolenefree topcoat (at least 3 hands) to prevent the leaching of active substances. This top coat has to be maintained constantly.

Tool cleaning: with water and detergent immediately after use. Cleaning residues should be disposed of as prescribed by current regulations.

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Special instructions

We recommend to follow the instructions on security data sheet carefully. Wood preservatives contain biocidal agents to protect the wood from pests. They are to be used only in accordance with the instructions for use and only in the approved areas of application. Improper use may damage the health and create environmental hazards.

The product may not be applied to wood in direct contact with animal feed or human food. Use only in outdoor environments. Treated wood may only be used for window frames and exterior doors in indoor environments. Not suitable for beehives, greenhouses and saunas. Do not apply the product in unprotected places. Do not apply in the immediate vicinity of water courses. Do not empty the product into the groundwater table, into water courses or drainage or sewerage systems. Do not eat, drink or smoke during use. Wash your hands and any exposed skin immediately after using the product and before eating. Ensure adequate ventilation during processing

The treated wood should not be used outdoors when it will likely come into direct contact with the ground and/or will be exposed to constant moisture / fresh water or seawater.

During storage the treated wood has to be protected either by a roof or has to be stored on a hard and impermeable storage area until drying is completed in order to prevent contamination of water and soil by dripping product residues or rainwater.

When used professionally, the treated wood must be stored either under a cover with a recovery system or on an impermeable solid surface, in non-industrial use with anti-drainage containment (eg collection pan).

Waste Disposal: European waste catalogue number: 03 02 05 (AVV) Do not dispose of in the sewerage and drainage system, in water courses or in soil. In the event of product escape or spills, mop up the liquid with absorbent material and dispose of according to current regulations. Do not dispose of with domestic waste do not pour down the toilet. Packaging containing product residues must be disposed of at a collection centre for hazardous waste. Only empty containers can be recycled.

Water hazard class: class 2 (WGK2), hazardous to water (according to VwVws regulation of 17 May 1999).

VbF classification: --

ADR/RID: not applicable.

European waste catalogue number: 03 02 05 (AVV)

The above instructions are consistent with the most recent 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.