

HYDROGRUND PLUS

Water-based protective impregnating primer for wood (BP)

3002-a. January 2016

Description

Product:HYDROGRUND PLUS is a ready-to-use water-based wood preservative. HYDROGRUND PLUS is indicated for the protection of wooden surfaces from fungi that cause discoloration and damage to the wood. The product is suitable for use in classes 2 and 3 of the EN 335-1 standard.

Fields of use:for treatments on wood intended for outdoor use, not in continuous contact with the ground or water, such as, for example, windows, external doors, coatings, etc. To obtain adequate protection from the elements, it is necessary to apply subsequently an impregnating and / or finishing product.

Protection:preventive against blueing fungus, mold and rot fungus (B, P). **Active principle:**0.9% (= 9 g / l) Propiconazole, 0.3% (= 3 g / l) of 3-iodo-2-propinylbicarbamate. **Authorization:** UK-2012-0443, DE-2012-MA-08-00107, AT/ 2012 / Z / 00080/8, CH-2014-0020, IT/ 2015/00233 / MRA **Certificate:**Nr. 02/13 from the "Arbeitsgemeinschaft Holzschutzmittel", Wien (A). **Surveillance institution:** HFA - Vienna (A)

Tint: 00-colorless.

Packaging:0.750 l - 2.5 l - 5 l - 25 l and 100 * l and 1000 l * (* only on order)

Technical data

Specific weight:ca. 1.00 kg / l, at +20 ° C. **Flash**

point:Not applicable. **Viscosity:**ca. 45 - 47 s, 2 mm DIN cup, at +20 ° C.

Drying:after approx. 2 - 4 hours, depending on the type of wood, the quantity applied and the weather conditions. With low temperatures and / or high humidity, the drying time increases proportionally.

Odor:own faint smell; odorless after drying.

Storage:use the product within 18 months from the date of manufacture. Keep cool, but protected from frost. Close partially used jars tightly. Only store intact cans When storing and applying wood preservatives, observe the legal provisions regarding the cleaning of groundwater and surface water, as well as with regard to air pollution.

Application Notes

Generality:mix the product well before use. Do not work at temperatures (environment, substrate and product) below +10 ° C and above 35 ° C and relative humidity <85%.

Application systems:for non-professional use only with brush or roller, for professional users with brush, roller, immersion, flow coating, impregnating machine. Work only in ventilated areas. Do not spray!

Preparation of the substrate:the wood to be treated must be dry and free from dust and grease. Do not apply on wood with humidity higher than 18%. Completely eliminate old film-forming coatings, as they would prevent the penetration of the product. Clean any resinous areas or pockets on the surface with acetone.

Application tips: The wood must be clean and free from wood dust and impurities. The product must be applied undiluted at doses of 80-160 g / m². Where relevant, the application process must be carried out within a contained area, on a rigid and waterproof support with a recovery system, in order to avoid product leaks. Depending on the wood, the actual degree of absorption may vary and must be controlled with suitable means. In case of use by immersion, the immersion time varies from 1 to 10 min, depending on the type of wood and its size. Periodically check the viscosity of the product and if necessary add water to restore the original viscosity. This operation must always be done before topping up with fresh product. Cover the tub tightly after use to minimize water evaporation. Always mix the product very well at the beginning of the working day and after each work break. It is also advisable to filter the product at the time of the first filling and periodically empty the tank, clean it and filter the product at the time of the new filling. In anticipation of an interruption of work for several days, it is advisable to empty the tank and pour the product back into the original packaging! If used by brush, apply at least 2 coats. it is advisable to empty the tank and pour the product back into its original packaging! If used by brush, apply at least 2 coats. it is advisable to empty the tank and pour the product back into its original packaging! If used by brush, apply at least 2 coats.

The hardware (nails, screws, hinges, etc.) possibly used on the substrate to be treated must be made of corrosion-resistant material, as well as the other metal parts that may come into contact with the product!

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Quantity to apply: Effective by applying 80 - 160 g / m² (6.25 - 12.5 m² / l) in 1-2 applications. Do not apply more than the maximum amount.

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

Overpaintable: to handle the product approx. 1 hour under normal conditions. It can undergo subsequent treatments after 4-8 hours with water-based products and after approx. 24 hours with solvent-based products.

Cleaning of tools: with water and detergents immediately after use. Dispose of washing remains according to the regulations in force.

Special instructions

Carefully follow the instructions on the label. For outdoor use only. The product must not be applied on wood intended for direct contact with food for human or animal consumption. Cover the water tanks before application. Remove animals and people who are not adequately protected from the treatment area for 48 hours or until the surfaces are completely dry. The product is harmful to bats. Freshly treated wood must be stored indoors or on a rigid and waterproof support to avoid any direct losses into the ground and water. Use lukewarm water and soap to clean used tools. Washing water must not be disposed of directly in public drains. Wash hands and exposed skin after using the product and before meals. The product must be stored in a safe place, inside the well-sealed original container. Prevent unauthorized access. Residues and containers must be collected and disposed of in compliance with current regulations. Limited duration after opening.

Keep out of the reach of children. Keep away from food or feed and drinks. Do not eat, drink or smoke during use. Avoid contact with skin. Use suitable gloves. Do not breathe vapors / aerosols. Use only in well-ventilated areas. Do not disperse in the environment. Refer to special instructions / safety data sheets.

Contains IPBC and propiconazole: May cause re allergic action

Wood preservatives are to be used only in accordance with the instructions for use and only when protective measures against wood pests are necessary. Incorrect use can cause damage to health and the environment. Wood preservatives contain biocides to protect the wood from pests. They may only be used according to the indications and only in authorized applications. Abuse can damage health and create environmental damage.

When requesting a protective product for wood, the legal provisions on workplace and environmental safety must be observed, as well as the risk information reported in the safety data sheet and on the packaging.

Do not apply on wood intended to come into contact with food, feed or drinking water. Not suitable for hives and greenhouses. Do not proceed with applying the product in unprotected places. Do not apply in the immediate vicinity of water courses. Do not introduce the product into groundwater, water courses and sewers. Protect face, eyes and hands during application with suitable personal protective equipment. HYDROGRUND PLUS must always be painted over with an impregnating and / or finishing product!

After use, wash well with water or a suitable hand and face cleanser. Do not bring the product into contact with skin and eyes.

Disposal: Do not dispose of in the sewer system, water and soil. In case of leakage or spillage of the product, collect the liquid with absorbent material and dispose of according to the regulations in force. Do not dispose of with household waste, do not throw in the toilet. Dirty product packages must be disposed of at a collection center for hazardous materials.

Water hazard: European class 2 (WGK2) dangerous for waters (according to VwVws of 17 May 1999).

Waste Code: Classification Nr. 03 02 05 (AVV)

according to VbF: ADR / RID: - -

Not applicable.

The aforementioned indications correspond to the most recent state of the art in development and use. Since the use and application of the products are beyond our sphere of influence, we are only liable for the consistent quality of the products. If in doubt, please ask for our technical advice.