

Technical data sheet

Product description

Intended use: Colourless, water-based impregnation with biocidal active substances to protect wood in outdoor areas from blue stain and wood-destroying fungi, especially for dimensionally stable building components, and to be used as primer for renovation coatings.

Characteristics:

- efficient protection against rot and blue stain
- low odour
- good penetration (physical wood protection)
- moisture regulating, no blocking
- provides excellent intermediate adhesion for solvent-based and waterborne wood stain and paints

Content as per VdL Alkyd resin, water, additives

Directive 01:
(Association of German paint industry)

Active substances: This product contains biocidal substances with fungicidal properties. Active ingredients: 0,9 % Iodopropynyl butylcarbamate (0,9 g / 100 g), 0,25 % tebuconazole (0,25 g / 100 g) and 0,05 % polymeric betaine (0,05 g / 100 g). The water from cleaning the tools must not enter the soil or surface water.

BAuA-Registration number: N-86331 (Federal Institute for Occupational Safety and Health)

Specification:

Specific weight:	approx. 1,0 g/cm ³	DIN 51 757
Viscosity:	approx. 10 s 4 mm	DIN 53 211
pH value:	6,0	DIN 53 785

Storage: Storable at least 2 years in tightly closed original containers, Keep it in dry and frost-free places at a temperature between +5 °C and maximum +30 °C. Do not store together with food and feed.

VOC regulations: EU limit value for the product (cat. A/f): 130 g/l
This product contains max. 50 g/l of VOC.

Application

Processing conditions : The object and ambient temperature must be between + 5°C and + 30°C. Do not apply if exposed to direct sunlight or high wind. Relative air humidity: up to max. 75 %.

Suitable substrates: Wood with max. 15% moisture content according to **DIN 4047**.

This technical data sheet is supplied for informational purposes only! According to our information, all data and recommendations correspond to the state of art and are based on years of experience in manufacturing our products. They do not exempt the user from his obligation to verify professionally, on his own responsibility, the suitability of our products to the intended purpose under prevailing conditions. Safety data sheets and warnings on packaging must be observed. We reserve the right to modify and to complete the information content at any time, without prior notice or obligation to update.

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Substrate pre-treatment:	The substrate should be clean, free from dust, grease, wax and algae. Old, grey and dead areas must be thoroughly sanded or removed with a scraper. Prior to application, wash resinous woods with a solvent-based thinner and allow complete drying. Pitch pockets must be scraped out. Only apply on frost-free wood. Well adherent old paintworks must be removed by sanding, and remove the dust. Pre-treat adjacent metal parts with an anticorrosive product.
Mode of application:	brushing, dip coating and spraying (in confined facilities).
Dilution:	Apply undiluted. Shake or stir well before use.
Drying time:	at 20° C and 60 % relative air humidity dry to touch after approx. 30 minutes no blocking after approx. 12 hours recoatable with waterborne systems after 6 hours recoatable with solventborne systems after 12 hours. Lower temperatures, higher air humidity or low absorbent substrates extend the drying time.
Finishing:	In order to ensure full protection (UV) a durable beauty of the wood, we recommend applying a subsequent coating with wood paint. In order to ensure full protection (UV rays) and a durable beauty of the wood, a treatment with wood paint like Mipa WBS Holzlasur or Mipa WBS PU-Buntlack is necessary. Once completely dry, it can also be recoated with solvent-based systems.
Spreading rate:	ca. 9 - 10 m ² /l (per layer).

Special note

When applying, use personal protective clothing (gloves, breathing filter mask, protective jacket) and keep away from food. Cover or mask adjacent surfaces.

When applying the product e.g. by brushing ensure the ground is well covered by a plastic sheet or tarp to prevent the product from entering the soil (drip losses). Treated wood must be stored on a hard and impermeable support until its complete drying in order to avoid that the product gets in the soil and ground or surface waters.

Generally, do not use the product to coat wooden surfaces in common rooms; except for the inner sides of windows and outer doors. Do not apply on woods, which are destined for the direct contact with food, drinks or animal feeding stuff. Woods used for beehives, saunas and for the interior of greenhouses must not be treated with WBS Holzschutzgrund Premium.

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Safety instructions / First-aid measures

Mipa WBS Holzschutzgrund Premium is slightly alkaline. Protect eyes and sensitive skin against splashes. Keep out of reach of children. Keep away from food, drink and animal feed. Do not eat, drink or smoke at work.

Use biocides safely! Always read the label and technical data sheet before use. Only use this product according to the instructions and only if wood preservation measures are prescribed or necessary in individual cases. Misuse can lead to damages caused to one's health and to the environment. If swallowed, seek medical advice immediately and show container or label. Give first aid to casualties and assure fresh air ventilation.

Cleaning of tools

Clean tools with water immediately after use and before longer interruptions of work. The water from cleaning the equipment must not reach the soil or surface water.

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