

Diffundin-Bläueschutz

Water-based, transparent wood protection primer for exterior application. Preventive action against blue stains and wood-destroying fungal infestation.



Product characteristics

Properties

- Preventive action against blue stains and fungal infestation
- Fast drying
- Outstanding penetration properties
- Improves the durability and adhesion of subsequent coatings

Areas of application

Exterior only

Suitable substrates in detail

- Dimensionally stable wooden structures like doors and windows.
- Limitedly dimensionally stable wooden structures like framework, gates, window shutters
- Non-dimensionally stable wooden structures like fences, balcony parapets etc.

Material description

Binder	Alkyd-Emulsion
Density	1.01 kg/l
Average consumption (short text)	Approx. 80 - 100 ml/m ² per operaton (depending on absorptive capacity). Minimum application quantity 120 - 140 ml/m ² for the efficacy as wood protection.
Average consumption	It is advisable to determine the exact consumption figure by producing a sample area.
Storage	Cool, but protected from frost

Substrates

Suitable substrates	Uncoated woods and wood components of dimensionally stability, limited dimensionally stability or without dimensionally stability, prone to blue stains.
Substrate conditions	The substrate must be clean, dry, firm and sound. Follow the building regulations (in Germany VOB, Part C, DIN 18363, Section 3). In addition the guidelines for wood preservation in building construction (in Germany DIN 68800) apply.
Substrate conditions	Uncoated wooden structions of dimensional stability, limited dimensional stability and non-dimensional stability may be coated. A wood moisture of 13% for dimensionally stable and 15% for wood components of limited dimensional stability, must not be exceeded. The construction needs to be protected agains intruding moistures. In addition, the guidelines according to BFS Fact Sheet No. 18 apply.
Substrate preparations	Sand the wood surface in fibre direction, clean thoroughly and remove seeping substances, like resins, and resin galls (pitch-pockets). Cut sharp edges

Diffundin-Bläueschutz

Application

Application method	Application by brush
Coating system	<p>Wooden structures of new, dry spruce, indirectly exposed to weathering (e.g. lower parts). Preparation of the substrate in compliance with BFS Fact Sheet No. 18. Untreated wood which is prone to blue-stain must previously be treated with Diffundin-Bläueschutz (blue-stain inhibiting primer). Priming coat with Diffundin-Holzfarbe+ intermediate and finishing coat with Diffundin-Holzfarbe+. With saline impregnations and in case of doubt, use Diffundin-Sperrgrund LH as priming coat.</p> <p>Wooden structures of new wood, prone to blue-stain. Preparation of the substrate in accordance with BFS Fact Sheet No. 18. Apply Diffundin-Bläueschutz to untreated wood. Priming coat with Diffundin-Sperrgrund LH (respect intermediate sanding and flash-off time); apply Diffundin-Holzfarbe+ as intermediate and finishing coats.</p> <p>Wooden structures with matt, weathered paint layer. Grind thoroughly: In case of houses prone to blue-stain, use Diffundin-Bläueschutz as impregnation for damaged areas which then have to be primed with Diffundin-Sperrgrund LH. Apply Diffundin-Holzfarbe+ as intermediate and finishing coats. BFS Fact Sheet No. 18 applies.</p> <p>Wood structures of old wood (stripped, sanded or burned-off. Impregnation with Diffundin-Bläueschutz; priming coat with Diffundin-Sperrgrund LH (respect intermediate sanding and flash-off time); apply Diffundin-Holzfarbe+ as intermediate and finishing coats. BFS Fact Sheet No. 18 applies.</p>
Application	Apply in fibre direction using a smooth painter brush.
Note	<p>On wood, which is rich of wood constituents like larch, oak, various exotic wood or other hard wood, the drying time could be slowed down. Wood constituents are essentially tannins, dyes or oils / waxes and resins.</p> <p>Basic principles of wood preservation for constructions must be followed, contact with earth to be avoided. They are the premise for durable wood preservation.</p> <p>Exterior window and door parts may be entirely treated with Diffundin-Bläueschutz.</p>
Compatibility	Do not mix with other products.
Temperature limit	Between + 5° C and + 30° C for substrate and ambient air during processing and drying.
Tool cleaning	Immediately after use with water

Information

Product code	HSW 10 Holzschutzmittel, wasserbasiert, organische Wirkstoffe
Hazard statements and safety advice	<p>Harmful to aquatic life with long lasting effects. If medical advice is needed, have product container or label at hand. Keep out of reach of children. Avoid release to the environment.</p> <p>Contains: 1,2-benzisothiazol-3(2H)-one, mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H-isothiazol-3-one (3:1), 2-methyl-2H-isothiazol-3-one, 3-iodo-2-propynyl butylcarbamate. May produce an allergic reaction.</p> <p>The product falls under the regulation on biocide products (EU) 528/2012. Biocidal product type: 8 - Wood preservatives. Expiry Date: Observe label precautions. Active substance: 3-iodo-2-propynylbutylcarbamate (9,5 g/l), N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine (0,1 g/l), Use biocides safely. Always read the label and product information before use.</p>
Declaration of ingredients	Polyacrylic resin, mineral pigments / fillers, titanium dioxide, water, additives, , Preservative.
Observe safety data sheets	Further details: See Safety Material Data Sheet (MSDS)
Category VOC	EU limit value for the VOC contents of this product: (Category A/h) 30 g/l (2010). This product contains max.
VOC content (in gram per litre)	< 30

Diffundin-Bläueschutz

WHC 3 (stark wassergefährdend)

Waste disposal Only completely emptied containers should be given for recycling. Dispose containers with residues of liquid product via waste collection point accepting old paints and enamels. Dispose dried hardened product residues as construction site/demolition/ municipal or domestic waste.

System specific and system completing products

Diffundin-Sperrgrund LH

Diffundin-Holzfarbe +

This data sheet cannot deal with all types of application arising in practice. Therefore, we cannot be held responsible for their content. These instructions do not release the purchaser / applicator from his responsibility of professionally examining the substrate and determining the suitability of the product in consideration of the project characteristics. In case of queries please request the technical assistance of ALLIGATOR FARBWERKE.