

Diotrol Aqua Impregnation Sun-Ex

Waterbased natural oil imprgnation with light stabilizer

#80115

Description Diotrol Aqua Impregnation Sun-Ex UV is a water-based wood impregnation based on natural oils from renewable raw materials with film protection against blue stain and mold. In addition, Diotrol Aqua Impregnation Sun-Ex UV is equipped with a light stabilizer based on a wood lignin antioxidant, which prevents the darkening of softwoods due to the influence of sunlight.

Diotrol Aqua Impregnation Sun-Ex UV is used as primer for softwood components. The treatment must be carried out on all sides and before the components are installed. A waterbased glaze or topcoat is required for protection against the effects of weathering.

Application area On all untreated, light-colored wooden components for outdoor use made of softwood, such as facades, windows, shutters, garage doors, wooden structures, shingles, aso.

Do not use in living areas or stables. **Do not use on oak.**

Binder & reactive agents Emulsion of various oils, reactive wood lignin antioxidant

Active agents / Biocide Propiconazole / IPBC

Solids 12.8 %

Spec. Gravity Approx. 1.000 kg/l

Degree of gloss Not determinable

Tints Colorless

Packaging 1L, 5L, 25L, 120L drum, 1000L Container

Storage 12 months in appropriate, cool place in closed original packaging. Close packaging properly after usage. **Prevent from freezing.**

Condition of substrate	<p>General information on wood</p> <ul style="list-style-type: none"> • The wood must be clean, free of grease, resin and wax and may not contain more than 15% moisture. • Resinous wood must be washed with nitro thinner. • Planed wood must be sanded to ensure good anchorage of the coating. • New, only planed wood, which has been exposed to the weather for a long time, must be sanded or brushed with a hard brush and must be cleaned afterwards. Avoid using metal brushes, there is a risk of rusting due to the sanding dust. • Edges must be rounded to a radius of 2.5mm. <p><i>In order to assess the product practical, we recommend to create a sample beforehand.</i></p>
Processing	<p>Brush, roller, spraying equipment (protective clothing recommended), dipping/flooding possible</p> <p>The metal parts of the equipment must be rustproof.</p> <p>In case of a spray application, we recommend to level / smooth the surface with a brush.</p> <p>Do not apply at outside temperatures below 10°C or above 30°C or at extreme humidity of more than 70%. Avoid direct sunlight.</p>
Consumption	<p>100 – 120 g/m² on planed, sanded spruce wood</p> <p>May depend on the nature and absorbency of the substrate.</p>
Dilution	<p>Ready for use. Do not dilute.</p>
Paint system	<p>Apply 1 coat of Diotrol Aqua Impregnation Sun-Ex UV to all sides of untreated wood.</p> <p>A waterbased glaze or topcoat is required for protection against weather.</p> <p>A drying delay is to be expected when applying a protective coat with solvent-based products.</p>
Drying at 18 – 20°C (at 50% rel. moisture)	<ul style="list-style-type: none"> • Over paintable after approx. 24 hours <p>The wood lignin antioxidant requires a 24-hour reaction time to develop its effect.</p> <p>During this time, the substrate may show a slight orange to reddish discoloration. This is not a defect of the product and disappears again after UV exposure. After complete drying, the original color will reappear.</p>
Cleaning of tools	<p>Clean with water immediately after use.</p> <p>Solve dry paint residues with nitro thinner or brush cleaner.</p>
Safety advice	<p>Please read safety data sheet.</p>

Special instructions

- Diotrol Aqua Impregnation is only weather-resistant to a limited extent and must therefore be given a weather-resistant topcoat.
- Diotrol Aqua Impregnation Sun-Ex UV must not be used on oak wood.
- The respective SMGV/BFS and SIA standards and guidelines applicable to the component to be treated must be observed. Observe and use SMGV checklists, test protocols and maintenance instructions.

Remarks

This information is due to the current, technical know-how and is meant as recommendation and advice. Concerning all mentioned paint coat structures, we do not maintain completeness. Insufficient wood quality, lack of constructive wood-protection, drying cracks in solid wood and otherwise identified faults have to be admonished by the customer before painting or glazing. Because of the diversification and different kinds of substrates and practice, the user has to test our products mainly for his own purpose and has to use and apply them properly. For this, he is fully responsible. Verbal advice must be fixed obligatory by a signed document. If a new issue will be current, this edition will be no more available

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