

Diotrol Holzbalsamöl

Wood Balsam Oil

#75600

Description A biocide-free impregnation glaze based on natural oils with high penetration and good weather-resistance.

Application area For all kinds of woods such as hard and soft, for indoor and outdoor use. Especially for tropical wood like teak, meranti, mahogany and so on. Very suitable for garden-furniture. Mild smell, high penetration, quick drying, no film formation.

Binder & reactive agents Solution of regenerating natural oils

Active agents / Biocide No biocides

Solids 20 %

Spec. Gravity 0.850 kg/l

Degree of Gloss Mat to silk mat, the level of gloss may vary depending on the absorbency of the substrate and the application quantity.

Tints Colorless
Collections: DP – Diotrol Plus

Packaging 1L, 5L, 18L, 200L

Storage 12 months in appropriate, cool place in closed original packaging. Store in a cool and dry place.

Condition of substrate *General information on wood*

- 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.
- Weathered and greyed wood must be treated with #82500 Diotrol Degreaser. If the wood is severely cracked, it is considered to be "old wood" and is not suitable. Cracked parts must be replaced by new wood.

- 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.

General information on pre-treatment of wood

- Wood at risk of blue stain must be treated with #75100 *Diotrol Natural Oil Impregnation* on all sides.
- Wood at risk of fungal or insect attacks **must** be treated with #75100BPIV *Diotrol Natural Oil Impregnation B.P.IV* before installation.

General information on old coatings

- The surface must be checked for suitability and load-bearing capacity for subsequent coatings. Non-bearing, poorly adhering old coats must be completely removed down to the sound wood substance. Do wash a firmly adhering, intact old coating with #82510 *Diotrol Allclean* and slightly abrade the surface.
- Old acrylic coatings must be completely removed. Old oil-based coatings must also be completely removed due to the risk of blistering.

In order to assess the product practical, we recommend to create a sample beforehand.

Processing	<p>Brush, roller, spraying equipment (protective clothing recommended)</p> <p>In case of a spray application, we recommend to levell / 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> <p>When applying indoors, ensure good ventilation.</p>
Consumption	<p>80 – 100 g/m² per coat on planed, sanded spruce wood</p> <p>May depend on the nature and absorbency of the substrate.</p>
Dilution	Ready for use.
Paint system	2 – 3x Diotrol Holzbalsamöl
Maintenance	The coating must be maintained annually. Apply 1 - 2 maintenance coats of Diotrol Holzbalsamöl.
Drying at 18 – 20°C (at 50% rel. moisture)	<p>Dustfree app. 4 h</p> <p>Tackfree app. 6 h</p> <p>Through drying and over-workable after 24 h.</p> <p>Shortly water resistant not before 4 days.</p> <p>Depending on the temperature, the application quantity, the air humidity and the substrate's absorbency.</p>

Cleaning of tools Immediately after use with turpentine substitute or universal thinner.
Dissolve dry paint residues with nitro thinner or brush cleaner.

Important remarks

- Saturated rags can ignite by themselves. Spread and let them dry in the open air, or store them in an airtight metal can.
- Keep away from sources of ignition. Avoid sources of fire during work.
- Keep away from food for humans and animals.

Safety advice Please read safety data sheet.

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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