

Diotrol Edelwax UV

#75710

Description Diotrol Edelwax UV is a special wax based on a homogeneous mixture of natural oils from regenerating raw materials and ethylene hard waxes. It is particularly developed for application on wood facades. The high content of oils and wax facilitates water to repel and protects the facade from moisture-penetration for a long period and consequently avoids wood damage. An integrated UV absorbant prohibits an early decomposition of wood substance by high UV influence. Diotrol Edelwax UV is particularly suited for application at high altitude and damp environment.

Application area Facades, shutters, garage doors, garden fences etc.
All conditionally dimensionally stable and non-dimensionally stable components.

Binder / reactive agents Natural oils of regenerating raw materials, ethylene-wax, UV-absorbant

Active agents / Biocide None

Solids Appox. 56%

Spec. Gravity Approx. 0.900 kg/l

Degree of Gloss Silky mat to silky, depending on the absorbency of substrate

Tints Colorless or according to collections DP Diotrol Plus, AW Diotrol Antik Wood

Packaging 1L, 5L, 18L

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

Condition of substrate

- The wood must be clean, free of grease, resin and wax and may not contain more than 11-18% moisture.
- Rosinous wood must be washed by an aggressive solvent, like nitro.
- The wood should be planed and sanded to ensure good anchoring of the coating.

- The surface must be tested if it is solid enough for the following coating. Non-load-bearing, bad adhering old paint layer must be removed completely. Old paint layers which are intact and have good adhesion, can be cleaned with Diotrol Allclean #82510, and sanded properly.
- Weathered and greyed wood must be sanded down to the load carrying old healthy wood substance, or treated with Diotrol Degreyer #82500.
- 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 cleaned.
- Edges must be rounded to a radius of 2.5 mm.
- If possible, wood endangered by blue stain must be pre-treated on all sides with Diotrol Natural Oil Impregnation #75100
- Wood at risk of fungal and insect attack must be treated with Diotrol Natural Oil Impregnation B.P.IV #75100BPIV before fitting. Let dry for more than 72 hours.

To judge the quality of the product in practice, we recommend to determine a small test area at a less visible spot.

Processing	<p>Painting or spraying</p> <p>When applying by spraying, the surface must equalize with a brush. Wear protective clothing.</p> <p>Do not apply at outside temperatures below 5°C or above 30°C or at extreme moisture of more than 75%. Avoid direct sun impact.</p>
Consumption	<p>80-90 g/m² on new raw wood</p> <p>May depend on the nature and absorbency of the substrate.</p>
Dilution	<p>Ready for use.</p>
Paint system	<p>On fresh wood, outdoors</p> <p>1 - 2 x Diotrol Natural Oil Glaze, tinted #75100T</p> <p>1 - 2 x Diotrol Edelwax UV, colourless</p> <p>For blue stained wood replace the first coat with Diotrol Natural Oil Impregnation #75100, tinted.</p> <p>Paint system „ Nature “</p> <p>1x Diotrol Natural Oil Impregnation (f.e. tinted in DP-15 spruce)</p> <p>2 - 3x Diotrol Edelwax UV colourless</p> <p>The graying of the facade is slowed down, but not prevented.</p> <p>In case of crosscut timber, apply an additional layer of UV-wax to completely saturate the wood.</p>
Renovation	<p>Regularly refresh as soon as the water-repellent effect wears off.</p> <p>Clean the surface with Diotrol Allclean #82510.</p> <p>1 - 2 x Diotrol UV Wax, colourless</p>

When gray or black areas appear during cleaning:

- Sand the area down to the healthy wood.
- If necessary, treat with Diotrol Degreyer #.82500.
- Saturate the raw wood with clear Diotrol Impregnation # 75100.
- Level the colour with Diotrol Natural Oil Glaze #75000, tinted.
- 1 - 2 x Diotrol Edelwax UV # 75710

On old weathered wood

1 x Diotrol Impregnation or Natural Oil Glaze, colourless + 5 to 30% Woodprimer corn, caramel or salmon, is meant as a basis for light glaze build-ups on dark woods.

2 - 3 x Diotrol Edelwax UV, tinted

Drying at 18 – 20°C (at 50% rel. moisture)

- Dust dry after 8-12 hours
- Can be painted after approx. 36 hours
- Dried through after approx. 48 hours

(Depending on the temperature, the application quantity, the air humidity and the substrate absorbency)

Cleaning of tools

Immediately after use with turpentine substitute or universal thinner.
Solve dry paint residues with nitro thinner or brush cleaner.

Important remarks

- Saturated rags can ignite by themselves. Spread and let them dry in the 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.
- Apply cream to hands after washing.

Safety advice

Please read safety data sheet.

Remarks

This information is due to the current, technical know-how and are 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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