

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 absorbent 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 Approx. 56 %

Spec. Gravity 0.900 kg/l

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

Tints Colorless
Collections: DP – Diotrol Plus, AW – Antikwood

Packaging 1L, 5L, 18L

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 Degrayer*. 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

Brush, roller, spraying equipment (protective clothing recommended)

In case of a spray application, we recommend to level / smooth the surface with a brush.

Do not apply at outside temperatures below 10°C or above 30°C or at extreme humidity of more than 70%. Avoid direct sunlight.

Consumption

80 – 100 g/m² per coat on planed, sanded spruce wood

May depend on the nature and absorbency of the substrate.

Dilution

Ready for use.

Paint system

ON NEW WOOD

Standard

1x Diotrol Natural Oil Impregnation, colorless or tinted

2x Diotrol Edelwax UV, tinted

Topcoat 1

1x Diotrol Natural Oil Impregnation, colorless

2x Diotrol Natural Oil Glaze, tinted

1x Diotrol Edelwax UV, colorless

Topcoat 2

1x Diotrol Natural Oil Impregnation, tinted

1x Diotrol Natural Oil Glaze, tinted

1 – 2x Diotrol Edelwax UV, colorless

ON OLD WOOD

Woodprimer Coating

1x Diotrol Natural Oil Impregnation, colorless
 1x Diotrol Woodprimer, tinted in Collection Woodrprimer*
 1 - 2x Diotrol Edelwax UV, tinted

Delux coating

1x Diotrol Natural Oil Impregnation, colorless
 1 - 2x Diotrol Natural Oil Glaze, tinted
 1x Diotrol Edelwax UV, colorless

* Diotrol Natural Oil Impregnation and Diotrol Woodprimer can be mixed in any ratio..

Tip: Protect end grain with additional layers of Diotrol Edelwax UV.

Maintenance

Regularly refresh as soon as the water-repellent effect wears off.

Clean the surface with Diotrol Allclean #82510.

1 - 2 x Diotrol Edewlax UV, colourless

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

- Over paintable after approx. 24 - 48 hours

Depending on the temperature, the application quantity, the air humidity and the substrate's absorbency.

Cleaning of tools

Immediately after use with turpentine substitute or universal thinner.

Dissolve dry paint residues with nitro thinner or brush cleaner.

Wash brush in lye to keep the bristles supple.

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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