

Diotrol Aqua Industry

#80010

Description Diotrol Aqua Industry is a waterbased natural oil glaze for the application by machine. A special natural oil based on regenerating raw materials ensures a rapid drying and swift piling of wood.

Application area Suited for all wooden structures.

Binder & reactive agents Rapid drying natural oil from regenerating raw materials.

Active agents / Biocide None

Solids Approx. 30%

Spec. Gravity Approx. 1.000 kg/l

Degree of gloss Silky, 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, NC – Nordic Collection
Coloring according to RAL or NCS

Packaging 1L, 5L, 20L

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

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 part 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 #80100 *Diotrol Aqua Impregnation* on all sides.
- Wood at risk of fungal or insect attacks **can** be treated with #75100BPIV *Diotrol Natural Oil Impregnation B.P.IV* before installation. Allow to dry for at least 72 hours.

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/m ² on planed, sanded spruce wood May depend on the nature and absorbency of the substrate.
Dilution	Ready for use. If necessary dilute with water.
Paint system	1x Diotrol Aqua Impregnation 2 – 3x Diotrol Aqua Industry
Drying at 18 – 20°C (at 50% rel. moisture)	• Over paintable after approx. 24 hours Depending on the temperature, the application quantity, the air humidity and the surface's absorbency.
Cleaning of tools	Clean with water immediately after use. Solve dry paint residues with nitro thinner or brush cleaner.
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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