

Diotrol Aqua Industrie 3 in 1

Preventive – Protective – Decorative

#80015

Description Diotrol Aqua Industrie 3 in 1 is a water-based natural oil glaze for machine application. A special natural oil from renewable raw materials ensures good stackability due to its rapid and oxidative drying properties. Integrated film protection agents provide long-lasting protection against blue stain and mould growth.

Application area Suitable for all non-dimensionally stable, limited dimensionally stable and dimensionally stable wooden components **in outdoor areas**.

For indoor use, we recommend #80000 Diotrol Aqua Natural Oil Glaze or #80010 Diotrol Aqua Industry.

Binder & reactive agents Fast-drying natural oil from renewable raw materials

Active agents / Biocide IPBC, Propiconazol

Solids Appr. 23 %

Spec. Gravity Approx. 1.04 kg/l

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

Tints Colorless (recommended only as a first layer)
Collections: DP – Diotrol Plus, AW – Antikwood, NC – Nordic Collection, SW-O – Silverwood opaque
Coloring according to RAL or NCS on request

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 <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. • 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, applicator (machine application)</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>80 – 100 g/m² on planed, sandes spruce wood</p> <p>100 – 150 g/m² on sawn wood</p> <p>May depend on the nature and absorbency of the substrate.</p>
Dilution	Ready for use.
Paint system	Apply 2 – 3x Diotrol Aqua Industry 3 in 1
Maintenance	<ul style="list-style-type: none"> • Regularly inspect the façade / paintwork (once a year) • Clean if necessary <p>Maintenance coating: 1 – 2 layers of Diotrol Aqua Industry 3 in 1, tinted on cleaned surface</p>
Renovation	<ul style="list-style-type: none"> • Poorly adhering old coatings must be removed. • Weathered or severely cracked wood indicates unsuitable wood selection or insufficient quality and must be replaced. <p>We recommend treating raw wood surfaces with #80100 Diotrol Aqua Natural Oil Impregnation, colourless, or #80015 Diotrol Aqua Industry 3 in 1, colourless.</p> <p>Renovation coating: 2x Diotrol Aqua Industry 3 in 1, tinted</p>

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

- Over paintable after approx. 6 hours (12 or 24 h is the norm)
- Ready to staple after 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.

Wash brush in lye to keep the bristles supple.

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

June 2025, sky