

Diotrol Aqua F

#80020

Description Diotrol Aqua “F” is a wood glaze, based on cross-linking oxidative drying natural oil, for the water diluted treatment of window frames when a oiled surface is desired. Diotrol Aqua “F” is characterized by its high elasticity. A special UV-mechanism protects the paint coat from growing old.

Diotrol Aqua “F” is free from biocides and can therefore be used inside and outside.

Application area Window construction

Binder & reactive agents Mixtures of cross-linking natural oils, free of amines

Active agents / Biocide None

Solids Colorless: 34 %
Tinted: >34 – 36%, depending on the tint

Spec. Gravity 1.00 xx 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
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.

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

Processing	<p>Can be applied with spraying equipment such as Airless, Airmix, flow cups</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>Layer Thickness from 150 - 170 µm wet.</p> <p>May vary depending on the condition and absorbency of the substrate.</p>
Dilution	<p>Ready for use. Do not dilute with water.</p>
Paint system	<p>Wood susceptible to blue stain must be pre-treated with a fungicidal wood impregnation (Diotrol Natural Oil Impregnation or Diotrol Aqua Natural Oil Impregnation). On exotic woods, this impregnation improves the anchoring of the glaze.</p> <p>On spruce</p> <ul style="list-style-type: none"> • Coat, dip or flood the bare wood with colored impregnation • The second coat must be dyed weaker than the impregnation is (Cloud formation). • after application let the glaze structure dry at least 24 hours • Good ventilation must be ensured. • Guidelines of the DIN 333 and FFF are observed. <p>Recommendation for coating system</p> <p>1x Diotrol Aqua Impregnation, colourless 1x Diotrol Aqua Impregnation, 100% tinted 1x Diotrol Aqua F, 33.33% tinted or colourless</p> <p>Or</p> <p>1x Diotrol Aqua impregnation, 100% tinted 1x Diotrol Aqua F, 33.33% tinted or colourless</p>
Maintenance	<p>Apply Diotrol Aqua Windowcare 1 to 2 times a year evenly with a soft cloth and polish well after approx. 10 minutes. Immediately remove splashes on other objects with water while still liquid. Dissolve dried material with thinner. Repair minor paint damage (e.g. hail) immediately.</p>
Drying at 18 – 20°C (at 50% rel. moisture)	<ul style="list-style-type: none"> • Touch-resistant after 40 minutes • Dry and stackable after 24 hours. <p>(Depending on the temperature, the application quantity, the air humidity and the surface's absorbency)</p>
Cleaning of tools	<p>Clean with water immediately after use.</p> <p>Solve dry paint residues with nitro thinner or brush cleaner.</p>

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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