

# Diotrol Aquatrol

## Panel White & Polar White

#80500 & 80502

**Description** Diotrol Aquatrol is a water-based, isolating coating for all type of woodwork, such as wall panels or ceiling finishes. It contains natural oils of regenerating raw materials, which give the painting a silky smooth and easy to clean surface. A special mechanism prevents the wood ingredients, such as tannins, from bleeding, which is discolouring the paint.

When used correctly, yellowing is not possible and Diotrol Aquatrol remains sustainable white. The permanent yellowing look is only given, if no subsequent moisture penetration, caused by structural defect, takes place.

**Note** Due to the high natural oil content in Diotrol Aquatrol, dark yellowing may occur by darkness (e.g. cupboard inside, hung pictures or opaque curtains). However, this process is largely reversible when exposed to sunlight again.

**Application area** Indoors on profiles, trim- ceilings and walls, made of untreated wood, especially light wood, such as pine or spruce for example. Gives a natural, whitish touch.

**Binder & reactive agents** Natural oils from regenerating raw-materials

**Active agents / Biocide** None

**Solids** *Panel White* 30%  
*Polar White* 54%

**Spec. Gravity** *Panel White* 1.08 kg/l  
*Polar White* 1.35 kg/l

**Degree of gloss** Silk matt, the degree of gloss may vary depending on the absorbency of the substrate and the quantity of applied material.

**Tints** Panel White (semi-opaque) and Polar White (opaque)

**Packaging** *Panel White* (1L), 5L, 10L  
*Polar White* (1L), 5L, 18L

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

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| <b>Condition of substrate</b>                     | <p><b>General information on wood</b></p> <ul style="list-style-type: none"> <li>• The wood must be clean, free of grease, resin and wax and may not contain more than 15% moisture.</li> <li>• Resinous wood must be washed with nitro thinner.</li> <li>• Planed wood must be sanded to ensure good anchorage of the coating.</li> </ul> <p><b>General information on old coatings</b></p> <ul style="list-style-type: none"> <li>• Older coats can be lightly sanded with a scotch pad.</li> </ul> <p><i>In order to assess the product practical, we recommend to create a sample beforehand.</i></p> |
| <b>Processing</b>                                 | <p>Brush, roller, spraying equipment (protective clothing recommended)</p> <p>In case of a spray-application, the surface must be levelled / smoothed with a brush.</p> <p>Do not apply at outside temperatures below 5°C or above 30°C or at extreme humidity of more than 70%. Avoid direct sunlight.</p>   |
| <b>Consumption</b>                                | <p>100 g/m<sup>2</sup> on planed, sanded spruce wood</p> <p>May depend on the nature and absorbency of the substrate.</p>   |
| <b>Dilution</b>                                   | <p>Ready for use, if needed dilute with Diotrol Aqua Isoprim.</p>   |
| <b>Paint system</b>                               | <p><b>Standard</b></p> <p>2x Diotrol Aquatrol Panel White or Polar White</p> <p><b>Delux</b></p> <p>1x Diotrol Aqua Isoprim<br/>2x Diotrol Aquatrol Panel White or Polar White</p> <p>Apply in a thin and even layer in the direction of the grain, avoid overlaps. A lighter result is achieved with a brush application.</p>  |
| <b>Drying at 18 – 20°C (at 50% rel. moisture)</b> | <ul style="list-style-type: none"> <li>• Over paintable after approx. 24 hours</li> </ul> <p>(Depending on the temperature, the application quantity, the air humidity and the surface's absorbency)</p>  |
| <b>Cleaning of tools</b>                          | <p>Clean with water immediately after use.</p> <p>Solve dry paint residues with nitro thinner or brush cleaner.</p> <p>Wash brush in lye to keep the bristles supple.</p>   |
| <b>Safety advice</b>                              | <p>Please read safety data sheet.</p>   |

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**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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