

# Diotrol Aqua Hydroperl UV

## Version 30 and Version 15

#80900 / 80905

**Description** Diotrol Aqua Hydroperl UV is a waterbased oil glaze, based on natural, vegetable oils from renewable resources, natural and fossil waxes and micronized, mineral UV-absorbers.

Its high penetration ability provides an exceptional depth and thus a good protection against wood graying. Diotrol Aqua Hydroperl UV is free of VOC and wood preservative biocides. It has a high water repellency, which prevents penetration by water into the wood structure effectively. In addition a built-in film protection mechanism prevents the spreading of microorganisms on the paint surface.

**Application area** Diotrol Aqua Hydroperl UV is suitable for all types of wood in outdoor areas such as wooden houses, wood cladding, patio floors, garden furniture, etc.

**Binder / reactive agents** Emulsion of natural oils from renewable sources and natural and fossil waxes  
Propiconazole-IPBC (anti-blueing agent), combination of high-quality UV-absorber

**Active agents /** No biocides.

**Biocide** **Note:** In areas with a high humidity, such as meadows, riversides, forests, marshes or repeatedly foggy areas, we do recommend to add *Diotrol Antifouling ASR*.

*Diotrol Antifouling ASR* is only added on specific customer request.

**Solids** Appr. 17 - 19% , depending on pigments

**Spec. Gravity** 1.02 – 1.06kg/l, depending on pigments

**Viscosity** Diotrol Aqua Hydroperl UV is available in two viscosities.

**Diotrol Aqua Hydroperl UV 30** (# 80900):

Due to its somewhat thicker viscosity, it is ideal for manual processing (brush, roller, spray gun)

**Diotrol Aqua Hydroperl UV 15** (# 80905):

Due to its thinner viscosity, it is especially suitable for industrial processing (dipping, flooding, coating machines)

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| <b>Gloss</b> | Silky matt to silky, depending on the wood structure and quantity |
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| <b>Tints</b> | Diotrol collections DP – Diotrol Plus, AW – Antik Wood, NC – Nordic collection.<br>RAL and NCS on request.<br><b>Remark:</b> Diotrol Aqua Hydroperl UV, <i>colorless</i> does delay the natural graying of a façade, but it does not stop it entirely. |
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| <b>Packaging</b> | 1L, 5L, 20L and 120L barrel |
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| <b>Storage</b> | 12 months in well-sealed containers. Protect from frost and excessive heat (<30 ° C). Use stainless steel containers.<br><b>Note:</b> By using high-quality micronized additives, phase separation may occur during storage (no sediment!).<br><b>Therefore, we recommend stirring or shaking the goods well before use.</b> |
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| <b>Surface</b> | <ul style="list-style-type: none"><li>• The surface must be free of dust and grease</li><li>• Wood-moisture must not exceed 18%</li><li>• Always remove old paintings to avoid shiny spots</li></ul> <p><i>The coating result depends on the wood's condition. In case of unknown wood quality, a small test-coating is advisable.</i></p> |
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| <b>Processing</b> | Brush application, dipping, flooding, spraying (with respiratory protection), glaze application machine.<br>Do not use at ambient temperatures below 5 ° C or above 30 ° C.<br><b>Note:</b> When working with spraying equipment, always wear a respirator. |
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| <b>Consumption</b> | 100 – 150g/m <sup>2</sup> , depending on surface |
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| <b>Dilution</b> | Ready to use, if necessary dilute with water |
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| <b>Paint system</b> | Apply 2 - 3x Diotrol Aqua Hydroperl UV, tinted, directly onto the substrate.<br><br>In case of doubt or uncertainties, please contact the technical service |
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| <b>Renovation</b> | In case the hydrophobic effect starts to decrease, it is recommended to refresh the paint. It is best to arrange a regular follow-up. |
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**Drying at 18 – 20°C (at 75% rel. moisture)**      Recoatable after 6 to 8 hours  
**Note:** Drying may be delayed if applied on hardwoods or very resinous woods.

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**Cleaning of tools**      Clean tools with water immediately after use. Dissolve dried paint in nitro thinner or brush cleaner.

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**Safety advice**      Please read safety data sheet.

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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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