

Diotrol Aqua Hydroperl UV

3 in 1 glaze

#80900 | #80905

Description Diotrol Aqua Hydroperl UV is a water-based glaze based on natural, vegetable oils from renewable raw materials, natural waxes and micronised, mineral UV absorbers.

The natural coating excellently brings out the natural wood structure and the façade retains its natural appearance. Thanks to the integrated UV absorbers, a high level of UV-protection is guaranteed and premature ageing of the coating can be prevented. The high proportion of oil and waxes in Diotrol Aqua Hydroperl UV also protects the wood from moisture penetration with a natural beading effect.

Diotrol Aqua Hydroperl UV is free of VOCs.

Application area Suitable for all types of wood outdoors, such as facades, boarding, soffits and timber framing.

Binder & reactive agents Emulsion of selected, vegetable natural oils from renewable raw materials, natural waxes
Combination of high-quality UV absorbers

Active agents / Biocide Propiconazole-IPBC as film protection agents
Note: In areas with constantly high humidity (floodplains, forests, green zones, swamps or zones rich in fog), the addition of the special film protection agent Diotrol Filmschutz ASR is recommended. Diotrol Filmschutz ASR is only added at the express request of the customer.

Solids Approx. 20%, depending on pigmentation

Spec. Gravity Approx. 1.02 – 1.06 kg/l, depending on pigmentation

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, HP-70 Natural Larch, HP-71 Natural Spruce
Collections: DP – Diotrol Plus, AW – Antikwood
Note: Diotrol Aqua Hydroperl UV colorless delays the natural greying of the facade. However, the process is not prevented in the long run.

Packaging 1L, 5L, 20L, 120L

Storage	12 months in appropriate, cool place in closed original packaging. Close packaging properly after usage. Prevent from freezing.
Condition of substrate	<p>General information on wood</p> <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. • Weathered and greyed wood must be treated with #82500 <i>Diotrol Degrayer</i>. 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. <p>General information on old coatings</p> <ul style="list-style-type: none"> • 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 <i>Diotrol Allclean</i> 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. <p><i>In order to assess the product practical, we recommend to create a sample beforehand.</i></p>
Processing	<p>Brush, roller, spraying device (protective clothing recommended), application device (machine application)</p> <p><i>Dipping/flooding possible</i> <i>(For this procedure we recommend #80905 Diotrol Aqua Hydroperl UV 15. Please contact our technical department.)</i></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>May depend on the nature and absorbency of the substrate.</p>
Dilution	Ready for use.
Paint system	<p>On new timber, Exterior (outside)</p> <p>2 – 3x Diotrol Aqua Hydroperl UV, tinted apply directly on the surface</p>

Maintenance	A refreshing coat is recommended when the hydrophobic effect wears off. Regular follow-up checks are therefore necessary.
Drying at 18 – 20°C (at 50% rel. moisture)	<ul style="list-style-type: none">• Over paintable after approx. 12 hours Depending on the temperature, the application quantity, the air humidity, ventilation and the surface's absorbency. Note: Drying may be delayed on hardwoods or very resin-rich woods.
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

March 2023, sky