

NATURAL PROTECTION AQUA HYDROPERL UV



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Aqua Hydroperl UV colorless after 2 years. Object is situated 1198 m above sea level



**MAUROLIN
FARBEN**

Maurolin AG – founded in 1920 – is a family-owned Swiss company. Maurolin AG develops, produces and sells natural oils and paintings for wood protection (Diotrol) as well as biological cleaning products for an everyday use in household (Diolin). All products are fully developed and produced in Switzerland.



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FOUR FACTS ABOUT DIOTROL AG

1

Diotrol AG is a small, independent family-owned business with headquarters in Dulliken in the canton of Solothurn. Markus Hauert is the owner and CEO of the company.

3

Since 1938, Diotrol AG has been able to draw on many years of experience. Constant testing and improving provides a solid base for a wide range of products, proofing their quality in all climate zones.

2

Diotrol AG is known for high quality, ecological and sustainable products concerning wood-protection and -maintenance.

4

The success of Diotrol AG is not only due to products, but also due to its industrial location Switzerland and its employees.

DIOTROL AQUA HYDROPERL UV – FOR A NATURAL LOOK



Diotrol Aqua Hydroperl UV is the latest development by Swiss manufacturer Maurolin AG. This allrounder is the perfect protection for all wooden surfaces in the outdoor area. It sustainably keeps the lively character of wood as naturally as possible.

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

Due to the high amount of natural oils, Diotrol Aqua Hydroperl UV seeps deeply into the wooden structure. This ability provides an exceptionally deep and thus long living protection against graying of wood.

The very solid lotus effect of Diotrol Aqua Hydroperl UV effectively prevents the ingress of water into the wooden structure. Above that, the built-in film protection prevents the spread of microor-

ganisms on the paint surface. Last, but not least, the paint, as well as the wood beneath it, are protected by selected UV absorbers.

Like any other waterbased Diotrol product, Hydroperl UV is free of VOC and wood preservative biocides. It is easy to apply. Diotrol Hydroperl UV is applied directly on the clean and dry surface, no previous primer is needed.

- ✓ Very solid lotus effect thanks to natural waxes
- ✓ Equipped with a light stabilizer to protect light wood from darkening.
- ✓ UV-blockers protect the layer of paint from decoloration
- ✓ Contains a film protection mechanism to prevent the spreading of microorganisms on the paint layer.
- ✓ 0% VOC, no biocide





A natural look

It only needs two layers of Diotrol Aqua Hydropert UV to achieve a natural look. Diotrol Aqua Hydropert UV penetrates deeply into the wooden structure, therefore no thick layer of coating covers the wood.

Cracking, flaking or peeling off are impossible.

THE PATH TO SUCCESS

Three simple ingredients lead onto the path to success. The latest development of Maurolin AG combines:

- ✓ *UV- and light protection*
- ✓ *lotus effect*
- ✓ *Protection against microorganisms*

A built-in state-of-the-art high-tech combination of selected and proven UV blockers and UV absorbers prevent premature ageing of the paint surface. Antioxidants (radical scavengers) protect the natural light wood-color against yellowing for a long time.

With Diotrol Aqua Hydroperl UV, both the paint and the wood below it, are protected for a long time – with just two coats on untreated wood.

Water, in general, can cause big issues. For instance, penetrating water causes a swelling of small cracks in the wood, which in the end affects the paint surface. The high content of natural, fossil waxes in Hydroperl UV protects the wood sustainably and effectively against water, which could penetrate the wood structure.

This naturally achieved lotus effect protects the coat from cracking or peeling off for a long time.

Finally, the built-in film protection prevents harmful microorganisms – such as for example black fungus – from spreading on the coated surface. This keeps the painting stainless for years to come.

FACTS

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

Article number	#80900 Diotrol Aqua Hydroperl UV 30 #80905 Diotrol Aqua Hydroperl UV 15
Viscosity	<p>Diotrol Aqua Hydroperl UV 30</p> <p>Due to its somewhat thicker viscosity, it is ideal for manual processing. (Brush, roller, spray gun)</p> <p>Diotrol Aqua Hydroperl UV 15</p> <p>Due to its thinner viscosity, it is especially suitable for industrial processing. (Dipping, flooding, coating machines)</p>
Gloss	Silky matt to silky, depending on the wood structure and quantity of coating.
Packaging	1L, 5L, 20L and 120L barrel
Dilution	Ready to use. If necessary dilute with water.
Paint system	Apply 2–3x Diotrol Aqua Hydroperl UV, tinted, directly onto the substrate.
Renovation	In case the hydrophobic effect starts to decrease, it is recommended to refresh the painting. It is best to arrange a regular follow-up, once or twice a year.

Information

Technical data sheets are downloadable on www.diotrol.com.

For further advice please contact our wood protection experts.

DP – DIOTROL PLUS



DP-01
Yellow



DP-02
Stone pine



DP-03
Pine



DP-04
Light oak



DP-05
Teak



DP-06
Afrormosia



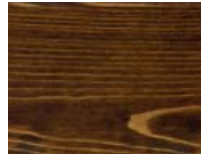
DP-07
Mahagony



DP-08
Chestnut



DP-09
Walnut



DP-10
Rosewood



DP-11
Ebony



DP-12
Red



DP-13
Swedish red



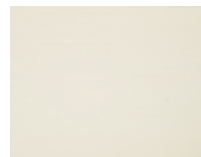
DP-14
Fir green



DP-15
Spruce



DP-30
Weather grey



DP-31
White

AW – ANTIK WOOD



AW-41



AW-42



AW-43



AW-44



AW-45



AW-46



AW-47



AW-48



AW-49



AW-50



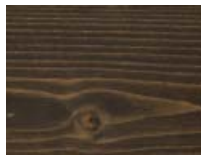
AW-51



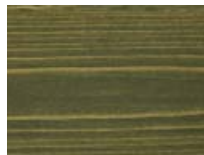
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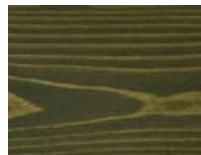
AW-53



AW-54



AW-55



AW-56

HP – NATURA



HP-70
Larch nature



HP-71
Spruce nature

Unless otherwise noted, all wood samples are painted on spruce.

Non-binding color values. Special colors can be mixed on request.

Diotrol Aqua Hydroperl UV is also available in RAL or NCS.



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*Produkt entwickelt und produziert in der Schweiz.
Développement et fabrication du produit en Suisse.
Product developed and produced in Switzerland.*