

# Diotrol Aqua Natural Oil Impregnation

## Water-based natural oil impregnation

#80100

**Description** Diotrol Aqua Natural Oil Impregnation is a water-based, film-protected, wood impregnation glaze based on natural oils from renewable raw materials (EMPA tested).

Diotrol Aqua Natural Oil Impregnation serves as a primer for building components made of softwood and absorbent hardwood. The treatment must be carried out on all sides and before the wood is installed. End-grain surfaces must be treated especially. For protection against the effects of weathering, a glaze or top coat is required.

**Application area** Components made of softwood and absorbent hardwood such as windows, shutters, garage doors, wooden constructions, shingle cladding etc.

Do not use in living areas or stables.

**Binder & reactive agents** Emulsion of various natural oils

**Active agents / Biocide** Propiconazol / IPBC

**Solids** 11.5 %

**Spec. Gravity** Approx. 1.0 kg/l

**Degree of gloss** Not identifiable

**Tints** Colorless  
Collections: DP – Diotrol Plus, AW – Antikwood

**Packaging** 1L, 5L, 25L

**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.
- 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 Diotrol Degreaser. 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.

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

### Processing

Brush, roller, spraying equipment (protective clothing recommended)

In case of a spray application, the surface must be levelled / smoothed with a brush.

Do not apply at outside temperatures below 10°C or above 30°C or at extreme humidity of more than 70%. Avoid direct sunlight.

When applying indoors, ensure good ventilation.

### Consumption

100 – 120 g/m<sup>2</sup>

May depend on the nature and absorbency of the substrate.

### Dilution

Ready for use. Do not dilute.

### Paint system

1x Diotrol Aqua Natural Oil Impregnation  
if possible, apply on all sides of the wood

Saturate end grain well. Apply wet in wet.

For protection against weathering, a glaze or top coat is mandatory.

In case of doubt, please contact the technical service.

### Drying at 18 – 20°C (at 50% rel. moisture)

- Dust dry after 1-2 hours
- Over paintable with Diotrol Aqua Natural Oil Glaze after approx. 6 hours

Depending on the temperature, the application quantity, the air humidity and the surface's absorbency

### Cleaning of tools

Clean with water immediately after use.

Solve dry paint residues with nitro thinner or brush cleaner.

Wash the 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

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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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