

# Diotrol Naturöl-Imprägnierung

## Diotrol Natural Oil Impregnation

#75100

**Description** Diotrol Natural Oil Impregnation is a colourless, solvent borne wood impregnation. It protects softwoods against growth of blue stain fungi and impregnates absorbent hardwoods thoroughly. Diotrol Impregnation guarantees an effective and long-lasting protection.

A glaze or top-coat is required for protection against the effects of the weather.

**Application area** Windows, shutters, garage doors, wooden structures outdoors.  
Do not use in living areas or stables.

**Binder & reactive agents** Combination of different natural oils of regenerating raw materials

**Active agents / Biocide** Propiconazol and IPBC

**Solids** Approx. 18 %

**Spec. Gravity** 0.830 kg/l

**Degree of Gloss** Mat, the level of gloss may vary depending on the absorbency of the substrate and the application quantity.

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

**Packaging** 1L, 5L, 25L, 200L

**Storage** 12 months in appropriate, cool place in closed original packaging. Store in a cool and dry place.

### 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 Degrayer*. If the wood is severely cracked, it is considered to be “old wood” and is not suitable. Cracked parts 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.

#### General information on old coatings

- 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 *Diotrol Allclean* 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.

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

#### Processing

Brush, roller, sprayer (protective clothing recommended), dipping possible

In case of a spray application, we recommend to level / smooth the surface 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> per coat on planed, sanded spruce wood

May depend on the nature and absorbency of the substrate.

#### Dilution

Ready for use.

#### Paint system

Apply 1x *Diotrol Natural Oil Impregnation* to all sides of the wood, if possible before assembly. Saturate end grain well, several coats may be necessary, apply wet in wet.

To protect against weathering, a topcoat is necessary.

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

- Dust dry after 1-2 hours
- Over paintable
  - After 12 hours with *Diotrol Natural Oil Glaze #75000*
  - After 24 hours with oil paint or varnish on the same base (solvent based).
  - After 48 to 72 hours, with a water-based product. The solvent must be completely evaporated, otherwise bubbles may form.

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

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**Cleaning of tools**     Immediately after use with turpentine substitute or universal thinner.  
Dissolve dry paint residues with nitro thinner or brush cleaner.  
Wash brush in lye to keep the bristles supple.

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**Important remarks**

- Saturated rags can ignite by themselves. Spread and let them dry in the open air, or store them in an airtight metal can.
- Keep away from sources of ignition. Avoid sources of fire during work.
- Keep away from food for humans and animals.

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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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