

Diotrol Imprenol Spruce

Temporary Impregnation

#75150

Description Diotrol Imprenol Spruce is a solvent borne wood-coating as temporary protection of timber, based on natural oils of regenerating raw-material and ethylene-waxes, with hydrophobic character. Due to a special film conservation, it prevents microorganism like bluestain (*Areobasidium pullulans*) and black fungus (*Aspergillus niger*) to colonize the surface. To achieve high UV stability, Diotrol Imprenol Spruce is equipped with a special mineral UV-absorber against wood (Lignin) damage.

Diotrol Imprenol Spruce must be applied to all sides of the object (timber or panel). Grain-cut timber must be saturated properly with Diotrol Imprenol Spruce, and sealed with Diotrol Woodseal, to avoid water-penetration.

Due to the temporary protection against weathering, a following cover coating is absolutely necessary.

Application area Wood stored or transported for further processing. As “winter impregnation” for already built walls / houses.

Only a temporary protection!

Binder & reactive agents Combination of natural oil of regenerative raw materials, ethylene-waxes

Active agents / Biocide Propiconazol, IPBC

Solids Appro. 19 %

Spec. Gravity 0.830 kg/l

Degree of Gloss Matt. The level of gloss may vary depending on the absorbency of the substrate and the application quantity.

Tints Spruce Natural, lightly pigmented.

On request: Can also be tinted in standard collections DP-Diotrol Plus and AW-Antikwood.

Packaging 1L, 5L, 25L

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

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 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. <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, sprayer (protective clothing recommended), dipping/flooding possible</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> <p>When applying indoors, ensure good ventilation.</p>
Consumption	<p>100 – 120 g/m² per coat on planed, sanded spruce wood</p> <p>May depend on the nature and absorbency of the substrate.</p>
Dilution	<p>Ready for use.</p>
Paint system	<p>1 – 2x Diotrol Imprenol Spruce</p>
Drying at 18 – 20°C (at 50% rel. moisture)	<ul style="list-style-type: none"> Can be manipulated after approx. 4 hours (12 or 24 hours is the norm) <p>Depending on the temperature, the application quantity, the air humidity and the substrate's absorbency.</p>
Cleaning of tools	<p>Immediately after use with turpentine substitute or universal thinner.</p> <p>Dissolve dry paint residues with nitro thinner or brush cleaner.</p> <p>Wash brush in lye to keep the bristles supple.</p>

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.

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.

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