

Diotrol PU Aquasiegel

#80650 – 80652

Description Diotrol PU Aquasiegel is a water-thinnable and low-odour high-performance sealing lacquer with 100% polyurethane resin. It results in very tough elastic, wear-resistant and non-yellowing sealers on parquet and other highly stressed interior wood surfaces.

Diotrol PU Aquasiegel has an extremely high abrasion resistance (approx. 20mg at 1000 revolutions, test method Taber Abraser GS10). The resistance to water, alcohol and household chemicals are excellent.

Application area Diotrol PU Aquasiegel is ideal for use on parquet floors, wooden stairs and all interior wooden goods that are subject to heavy wear.

Binder & reactive agents 100% aliphatic polyurethane resins (non-forgiving)

Active agents / Biocide None

Solids Approx. 25 %

Spec. Gravity Approx. 1.050 kg/l

Degree of gloss Silk matt (#80650), silk gloss (#80651) and gloss (#80652). The gloss level may vary depending on the absorbency of the substrate and the application quantity.

Tints Colorless

Packaging 1L, 5L, 20L

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.
- Edges must be rounded to a radius of 2.5mm.
- Old coats must be removed thoroughly.

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

Processing	<p>Brush, Roller</p> <p>Do not apply at outside temperatures below 5°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>80 – 100 g/m² on new raw wood</p> <p>May depend on the nature and absorbency of the substrate.</p>
Dilution	<p>Ready for use. Can be diluted with water if necessary.</p>
Paint system	<p>2 – 3x Diotrol PU Aquasiegel.</p> <p>We recommend intermediate sanding with 150 - 180 grit.</p> <p>The service life of the coating depends on the thickness of the layer and the stress on the substrate.</p>
Renovation	<p>Sand the surface, then apply 1 - 2 coats of Diotrol PU Aquasiegel.</p>
Drying at 18 – 20°C (at 50% rel. moisture)	<ul style="list-style-type: none"> • Can be painted over after approx. 4 - 6 hours. <p>The surface can be walked on after approx. 24 hours. The surface is completely hardened after 5 days. Carpets may only be laid out again after this time.</p> <p>Depending on the temperature, the application quantity, the air humidity and the surface's absorbency.</p>
Cleaning of tools	<p>Clean with water immediately after use.</p> <p>Solve dry paint residues with nitro thinner or brush cleaner.</p>
Safety advice	<p>Please read safety data sheet.</p>
Remarks	<p>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</p>

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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