

Diotrol Aqua Filler

#80600

Description Diotrol Aquafiller is a water-dilutable spray filler with high filling capacity and very fast drying. Excellent sandability and high whiteness optimise this product for rational interior use. Diotrol Aquafiller can be recoated with one-component varnishes.

Discolouration due to ingredients of the wood cannot be excluded.

Application area Interior wood and wood-based materials such as chipboard, veneer, MDF boards, etc.

Binder / reactive agents Modified special acrylic resin

Active agents / Biocide None

Solids 60 %

Spec. Gravity Approx. 1.38 kg/l

Degree of gloss Silk matt

Tints White

Packaging 20kg

Storage 12 months in appropriate, cool place in closed original packaging. Close packaging properly after usage. Prevent from freezing.

Condition of substrate

- The wood must be clean, free of grease, resin and wax and may not contain more than 11-18% moisture.
- Rosinous wood must be washed by an aggressive solvent, like nitro.
- The wood should be planed and sanded to ensure good anchoring of the coating.
- Coating, based on acrylics, must be removed completely due to danger of blistering.
- The surface must be tested if it is solid enough for the following coating. Non-load-bearing, bad adhering old paint layer must be removed completely. Old paint layers

which are intact and have good adhesion, can be cleaned with Diotrol Allclean #82510, and sanded properly.

- Weathered and greyed wood must be sanded down to the load carrying old healthy wood substance, or treated with Diotrol Degreyer #82500.
- 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 cleaned.
- Edges must be rounded to a radius of 2.5 mm.
- If possible, wood with blue stain must be pre-treated on all sides with Diotrol Natural Oil Impregnation #80100.
- Wood at risk of fungal and insect attack must be treated with Diotrol Natural Oil Impregnation B.P.IV #75100BPIV before fitting. Let dry for more than 72 hours.

To judge the quality of the product in practice, we recommend to determine a small test area at a less visible spot.

Processing	<p>Spraying or Airmix</p> <p>When applying by spraying, the surface must equalize with a brush. Wear protective clothing.</p> <p>Do not apply at outside temperatures below 5°C or above 30°C or at extreme moisture of more than 75%. Avoid direct sun impact.</p>
Consumption	<p>300 – 400 g/m² on new raw wood</p> <p>May depend on the nature and absorbency of the substrate.</p>
Dilution	<p>Ready for use.</p> <p>If necessary, dilute with water.</p>
Paint system	<p>Undiluted for Airless/Airmix</p> <p>Dilute with 2 – 5% water with any other pneumatic system</p>
Instruction	<p>The temperature is of decisive importance for the film formation of water-thinnable varnishes. Good film formation does not usually take place below +10°C. It must therefore be ensured that this minimum temperature is guaranteed for the entire drying period.</p>
Application	<p>If higher film thicknesses are required, the coating should be applied in several coats of max. 350my to avoid cracking. An intermediate drying time of 12 hours should be observed.</p> <p>Cut edges should be pre-primed with hard primer (containing solvents) to prevent the wood fibres from setting up.</p>
Drying at 18 – 20°C (at 50% rel. moisture)	<ul style="list-style-type: none"> • Dust dry after 20 – 30 min • Sandable after 12 hours

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- Over paintable after approx. 12 hours

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

Cleaning of tools Clean with water immediately after use.
Solve dry paint residues with nitro thinner or brush cleaner.

Safety advice Please read safety data sheet.

Remarks This information is due to the current, technical know-how and are 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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