

Diotrol Aqua Dio-Jet

Light stabiliser for industrial application on wood

#80550

Description Diotrol Aqua Dio-Jet is a high-quality light stabilizer for industrial an manual coating of softwood. It also prevents the wood from yellowing. Diotrol Aqua Dio-Jet is characterized by its good general resistance and effectively prevents the darkening of wood without even changing its natural appearance.

Application area Coniferous wood for interior use (profiled boards, panels, interior windows, general interior fittings). May also be used in **protected** outdoor areas (with additional film preservation).

Binder & reactive agents Polymers with light protection additives

Active agents / Biocide None

Solids 31 – 35%

Spec. Gravity 1.04 – 1.08kg/l

Degree of gloss matt

Tints Colorless
 Gradation Whiteness: 1%, 2%, 4% and 6% White,
 RAL and NCS

Packaging 1L, 5L, 20L, 120L Barrel

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 Degrayer. 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.
- Diotrol Aqua Dio-Jet may only be applied to untreated surfaces (not impregnated). Otherwise the light protection effect will not unfold.

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 5°C or above 30°C or at extreme humidity of more than 70%. Avoid direct sunlight.
Consumption	80 – 100 g/m ² per coat May depend on the nature and absorbency of the substrate.
Dilution	Ready for use.
Paint system	Apply 1 - 2x Diotrol Aqua Dio-Jet to the untreated wooden surface. Intermediate sanding is not necessarily required.
Drying at 18 – 20°C (at 50% rel. moisture)	• Over paintable after approx. 4 – 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.
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

October 2022, sky