

Diotrol Longlife

Oilpaint

#70000

Description DIOTROL Longlife is a solventbased, high hiding oilpaint. The therein used natural oils from regenerating raw material of highest quality, assure a long lifetime. DIOTROL Longlife has a high elasticity and is extremely weather-resistant. DIOTROL Longlife is adjusted to fungistatic surface. An integrated filmconservation prevents growth of microorganism on the paint surface, like blackfungi and alternaria.

DIOTROL Longlife contains a three-rated UV-protection. UV-blocking pigments, as well as chemical UV absorber protect the coating and convert UV-radiation into infra-red radiation. An additional antioxidant prevents the coating from early breakdown.

DIOTROL Longlife is dropping-inhibited and easy to process. Achieves requirement of DIN-EN 927-1.

Application area **Outdoor:** Facade, timberframe-construction, shingle, roof soffit, shatter, garage-doors, garden-fence and more. All constructions regarding DIN EN 927-1, dimensionally stable and not stable.

Indoor: Use DIOTROL Longlife BF only!

Not suitable for walkable surface.

Binder / reactive agents Tung oil, Tall oil, linseed oil, fish oil, and castor oil

Active agents / Biocide Propi-IPBC regarding to DIN 68800 as filmconservation, no biocide (no wood protection). DIOTROL Longlife BF (biocide-free) without active substance.

Solids app. >70%, depending on tint

Spec. Gravity 0.950 – 1.20 kg/l, depending on tint

Degree of Gloss Semi-mat, 17 – 35%, depending on pigmentation

Tints **OPAQUE** • NCL – Nordic collection • SW-O – Silverwood opaque coll. • NCS and RAL
TRANSLUCENT • DP – Diotrol Plus collection • AW – Diotrol Antik Wood collection • SW-T – Silverwood translucent coll.

Packaging 1L, 5L

Storage	12 months in appropriate, cool place in closed original packaging. Close packaging properly after usage. Prevent from freezing.
Condition of substrate	<ul style="list-style-type: none"> 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 paint. 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 endangered by blue stain must be pre-treated on all sides with Diotrol Natural Oil Impregnation #75100 Wood at risk of fungal and insect attack must be treated with Diotrol Natural Oil Impregnation B.P.IV #75100BPIV before installation. Let dry for more than 72 hours. <p>To judge the quality of the product in practice, we recommend to determine a small test area at a less visible spot.</p>
Processing	<p>Painting or rolling</p> <p>It is possible to spray the product, but it must be levelled with a brush. It is strongly recommended to wear protective clothing, like brand, overall and gloves.</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 sunlight.</p>
Consumption	<p>Planed timber: 100 – 125 g/l per coating</p> <p>Saw-rough timber: 140 – 200 g/l per coating</p>
Dilution	Ready for use. Use turpentine substitute or white spirit if necessary.
Paint system	<p>Opaque coating</p> <p>1 x Diotrol Natural Oil Impregnation or Diotrol Dio-Prim aktive</p> <p>2 x Diotrol Longlife Oilpaint, pigmented</p> <p>Translucent coating</p> <p>1 x Diotrol Natural oil Impregnation</p> <p>2 x Diotrol Longlife translucent pigmented</p>

Interior

2-3x Longlife Diotrol BF (biocide-free)

For better adhesion, dilute the first coat with 20 - 30% turpentine substitute.

In case of doubt or uncertainty, please contact the Technical Service.

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

- Dust dry after 12 hours
- Can be painted after approx. 24 hours
- Dried through after approx. 48 hours

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

Cleaning of tools

Immediately after use with turpentine substitute or universal thinner.

Dissolve dry paint residues with nitro thinner or brush cleaner.

Important remarks

- Impregnated towels can ignite by themselves. Do not let them dry in the air, but 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.
- Apply cream to hands after washing.

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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