

Diotrol Longlife

Oilpaint

#70000

Description Diotrol Longlife is a solvent based, highly opaque oil paint. The therein used natural oils from regenerating raw material of highest quality assure a longlasting lifetime. Diotrol Longlife has a high elasticity and is extremely weather-resistant. Diotrol Longlife is fungistatically adjusted. An integrated filmconservation prevents growth of microorganism on the paint surface, like black fungi.

Diotrol Longlife comes with a triple UV-protection. UV-blocking pigments as well as chemical UV absorber protect the coating and convert UV-radiation into infrared radiation (heat-radiation). An additional antioxidant (radical scavenger) prevents an early destruction of the coating.

Diotrol Longlife is drip-proof 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, dimensonally stable and not stable.

Indoor
 Only use the Longlife version free of active ingredients, #70020 Diotrol Longlife BF
 Do not use Diotrol Longlife on floors.

Binder & reactive agents Tung oil, tall oil, linseed oil, fish oil and castor oil

Active agents / Biocide Propiconazol and IPBC regarding to DIN 68800 T3 used as filmconservation (not classified as wood preservative).
 Diotrol Longlife BF is free of any active substances.

Solids Approx. 60 - 70%, depending on tint

Spec. Gravity Approx. 0.950 – 1.200 kg/l, depending on tint

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

Tints **Opaque**
 NCL – Nordic collection Longlife, SW-O – Silverwood opaque, RAL or NCS

Translucent
 DP – Diotrol Plus, AW – Antikwood

Packaging	1L, 5L
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 pre-treatment of wood</p> <ul style="list-style-type: none"> Wood at risk of blue stain must be treated with #75100 <i>Diotrol Natural Oil Impregnation</i> on all sides. Wood at risk of fungal or insect attacks must be treated with #75100BPIV <i>Diotrol Natural Oil Impregnation B.P.IV</i> before installation. <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. <p><i>In order to assess the product practical, we recommend to create a sample beforehand.</i></p>
Processing	<p>Brush, roller, spraying equipment (<i>protective clothing recommended</i>)</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 – 125 g/m² per coat on planed, sanded spruce 140 – 200 g/m² per coat on rough sawn timber</p> <p>May depend on the nature and absorbency of the substrate.</p>
Dilution	Ready for use. Can be diluted with Diotrol Natural Oil Glaze or Diotrol Natural Oil Impregnation.

Paint system	<p>Opaque coating 1x Diotrol Natural Oil Impregnation (or 1x Diotrol Dio-Prim active or 1x Diotrol Woodprimer) 2x Diotrol Longlife, pigmented opaque</p> <p>Translucent coating 1x Diotrol Natural Oil Impregnation 2x Diotrol Longlife, pigmented translucent</p> <p>Interior 1 – 2x Diotrol LonglifeBF For a better adhesion, dilute the first coat with 20 – 30% turpentine substitute.</p>
Maintenance	<p>Clean stained surfaces with Diotrol Allclean and rinse it well with water.</p> <p>Regular maintenance Apply 1x Diotrol Natural Oil Glaze , colorless or tinted in a thin layer.</p> <p>Worn surfaces 1 – 2x Diotrol Longlife, tinted</p>
Drying at 18 – 20°C (at 50% rel. moisture)	<ul style="list-style-type: none">• Over paintable after approx. 48 hours <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. Dissolve dry paint residues with nitro thinner or brush cleaner. Wash brush in lye to keep the bristles supple.</p>
Important remarks	<ul style="list-style-type: none">• 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	<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 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.</p>

March 2022, sky