

## Pullex Holzöl TQ

4411

Solvent-based oil for **vertical wooden surfaces in outdoor areas** for industrial and commercial use

### PRODUCT DESCRIPTION

#### General

Binder-rich wood oil based on vegetable and modified oils for exterior wood with very good penetration properties and special, highly effective UV absorbers. Without the addition of aromatic solvents.

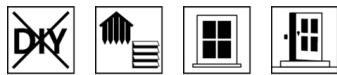
#### Special properties and standards

- The coating is protected against blue stain and mould by a biocidal active substance.

**Active substance:**

2.4 g/kg (0.24 %) 3-Iod-2-propinylbutylcarbamate

#### Application area



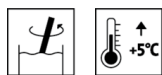
For non-dimensionally stable and limited dimensionally stable timber components for exterior use, such as e.g. wooden houses, timber cladding, canopies, profile boards, window shutters, balconies, gates.

Dimensionally stable timber components in exterior and interior areas, such as wooden windows or front doors, if an oiled surface is specifically requested and agreed (structure does not comply with current standards and guidelines, such as ÖNORM B 3803, ÖNORM C 2350).

We recommend Pullex Bodenöl (4402) for terrace floors and landing stages.

### PROCESSING

#### Processing instructions



- Please stir the product before use.
- The temperature of the product and object, and the room temperature must be at least + 5 °C.
- The optimal conditions for use are between 10 - 25 °C with a relative atmospheric humidity between 40 - 80 %.
- For new timber components we recommend an all-over coating.
- Apply a thin coat to horizontal wooden parts to avoid flaking due to excessive layer thickness.
- Resin flow cannot be avoided by the coating.
- Water-soluble wood extracts can be leached particularly by driving rain. This can be minimized by an all-over coating and additional sealing of the end grains.
- Residual plaster (high level of alkalinity) or ferrous dust (rust formation) may lead to black discoloration on larch wood and other types of wood rich in extracts.
- The color shade, compatibility and adhesion to the substrate must be checked by creating sample panels.
- Any change in the processing sequence, environmental conditions, non-observance of instructions or the use of products not listed may have an unfavourable effect on the result. Deviations lead to film and adhesion

problems as well as to impairments with regard to weathering and color stability.

- Please follow our **ARL 505 - Working guideline for alkyd resin coatings/glazes and oils.**
- Please follow our **ARL 500 - Working guideline for coating non-dimensionally stable and limited dimensionally stable construction elements – General part.**

**Application technique**



	Immersion	Brushing
<b>Diluent</b>	Adlerol-Terpentinölersatz (7231)	
<b>Diluent amount added (%)</b>	0 - 20	
<b>Applied quantity per application (ml/m²)</b>	60 - 80	

The product is ready to use.

An additional 40 % material consumption is to be expected on rough sawn timber.

The shape and surface condition of the workpiece as well as the type of application influence the actual consumption. Accurate values for consumption must be obtained by applying trial coats in advance.

After immersion, the immersion basin must be covered since otherwise skin formation may occur. In case of a longer standstill the liquid of the immersion basin should be emptied and the content should be filtered and transferred into containers in order to prevent gelling / skin formation.

**Drying times**

(at 23 °C and 50 % rel. humidity)



Recoatable after	approx. 12 hour(s)
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The figures given above are reference values. The drying time depends on the type of substrate, coat thickness, temperature, air exchange and relative atmospheric humidity.

Lower temperatures and/or high level of atmospheric humidity can increase the drying time.

On types of woods rich in extracts (such as oak, iroko), drying may be delayed.

**Cleaning the working equipment**



With Adlerol-Terpentinölersatz (7231) immediately after use.

**SUBSTRATE**

**Type of substrate**

Softwoods and hardwoods as well as plywood materials, which are suitable for the exterior, such as, for example, solid wooden boards, glued laminated timber (GLT or Glulam) and solid structural timber (SST).

**Substrate property**

The substrate must be dry, clean, capable of holding the paint, free from separating substances such as grease, wax, silicone, resin etc. and free from wood dust, as well as tested for suitability for coating.

A prerequisite for ensuring long durability of the coating is to observe the basic principles of constructional wood preservation.

Please observe the additional documents:

- ÖNORM B 3430-1
- ÖNORM B 2230-1
- DIN 18363
- BFS data sheet no. 18.

<b>Wood moisture</b>	<b>Hardwoods:</b> 12 ± 2 % <b>Softwoods:</b> 15 ± 2 %
<b>Substrate preparation</b>	For optimal durability we recommend to sand smooth wooden surfaces with grain size 80 – 120 in the direction of the fibre, clean thoroughly and remove wood extractives such as, for example, resins and resin pockets. Clean resin-rich woods and exotic woods with drying retardants with Nitro-Verdünner 8017 (8017). Treat algae, green deposits or mould in outdoor areas with Aviva Fungisan (8308). Sand and/or leach intact old coating. Remove old coatings that cannot be recoated.

## COATING SYSTEM

<b>Impregnation</b>	If necessary, impregnate outdoors once with Pullex Imprägnier-Grund (4436) (applies to timbers of durability class 3-5 according to EN 350) to protect against blue stain, fungal decay and insect infestation. Intermediate drying time: approx. 12 hours Use wood preservatives safely. Always read the label and observe the respective technical data sheets of the products before use. Please follow our <b>ARL 056 - Working guideline for the use of wood preservatives.</b>
<b>Primer coat</b>	1 x Pullex Holzöl TQ (4411) Intermediate drying: approx. 12 hour(s)

### Intermediate sanding



Grit size 280  
Remove sanding dust.

<b>Finishing coat</b>	1 x Pullex Holzöl TQ (4411)
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## MAINTENANCE

<b>Care</b>	The durability depends on several factors: these include particularly the type of weathering, constructive protection, mechanical stress and the choice of colour applied. To obtain long durability, regular inspection, maintenance and, if necessary, repair measures are necessary . For outdoor use, depending on the intensity of the weathering at the place of installation, it is necessary to provide subsequent preservation 1 - 2 times a year using Pullex Holzöl (4410). On deep-pored hardwoods, e.g. Oak, Iroko, shorter maintenance intervals must be expected. Colour shade Farblos (colourless): Greying is delayed, not prevented.
<b>Maintenance</b>	Sand weathered or greyed wood until the raw wood. Alternatively, de-grey with Clean-Multi-Refresher (8317).



2 x Pullex Holzöl (4410)

Please follow our **ARL 304 - Working guideline for coating dimensionally stable and limited dimensionally stable construction elements - Maintenance and repair.**

## ORDERING INFORMATION

<b>Size of trading unit</b>	20 l
<b>Colour shades / Glosslevels</b>	<p><b>Standard colour(s):</b> Farblos (4411000200)</p> <p>It is recommended to prepare a trial colour sample on the original substrate using the coating system selected in order to assess the final colour shade.</p>
<b>Supplementary products</b>	<p>Adlerol-Terpentinölersatz (7231) Aviva Fungisan (8308) Nitro-Verdünner 8017 (8017) Pullex Bodenöl (4402) Pullex Holzöl (4410) Pullex Imprägnier-Grund (4436)</p> <p>Please refer to the corresponding technical data sheets of the products.</p>

## FURTHER DETAILS

<b>Durability / storage</b>	<p>Min. 5 year(s) in the original sealed containers.</p> <p>Make sure the product is protected against moisture, direct sunlight, frost and high temperatures (above 30 °C).</p> <p>We recommend to transfer the contents of open containers to smaller ones in order to prevent gelling / skin formation.</p> <p>Close opened containers well and use up the content as soon as possible.</p>
 	
<b>Technical specifications</b>	<p>VOC content of the ready-to-use mixture: EU limit for Pullex Holzöl TQ (Cat A/f): 700 g/l. Pullex Holzöl TQ contains maximum 520 g/l VOC.</p>
<b>Giscode</b>	Ö100
<b>Declaration of ingredients according to VdL-RL 01</b>	<p>alkyd resins / aliphatic compounds / glycol ether / interface additives / wetting agent / light stabilisers / anti-skin agent / drying agents (siccatives) / 3-Iod-2-propinylbutylcarbamate</p> <p>Contains 3-iodo-2-propinyl butylcarbamate. May cause allergic reactions.</p> <p><b>Information for allergy sufferers under telephone no. +43 5242 6922-713.</b></p>
<b>Safety information</b>	<p>The product is only suitable for the industrial and professional use.</p> <p>When using cloths that have been soaked with oxidative drying products, there is a risk of spontaneous combustion! Spread soaked cloths out and let them dry; it is necessary to store them in sealed metal containers or under water.</p> <p>When sanding, use at least a P2 dust filter as personal safety equipment to protect against abrasive and wood dust. In case of hardwood (especially for Beech, Oak) a dust filter P3 is recommended.</p> <p>Further information on the subject of safety during transport, storage and handling as well as disposal can be found in the relevant safety data sheet. The current version can be accessed on the Internet at <a href="http://www.adler-lacke.com">www.adler-lacke.com</a>.</p>
