

## Pullex Langzeit-Lasur

4449

Solvent-based, thin-layer wood glaze for DIY

### PRODUCT DESCRIPTION

#### General

Universal wood glaze for wood in outdoor areas. An innovative combination of binding agents, a high solids content and active UV filters guarantee long-term protection against weathering. A long open time enables brush application without any visible brush marks. Environmentally friendly on account of its high solids content. The product is low-odour due to the use of petroleum spirits that are free from aromatic hydrocarbons as 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.

We recommend Pullex Terrassen- und Gartenöl (4454) 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 15 - 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.
- Due to the system, glazes are only limitedly step-resistant and therefore require more frequent maintenance.
- 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.
- 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 500 - Working guideline for coating non-dimensionally stable and limited dimensionally stable construction elements – General part.**
- Please follow our **ARL 505 - Working guideline for alkyd resin coatings/-glazes and oils.**

### Application technique



	<b>Brushing</b>
<b>Applied quantity per application (ml/m<sup>2</sup>)</b>	80 - 100

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.

For good thorough drying, the recommended application quantities must be adhered to. Excessive layer thicknesses lead to a considerable drying delay!

### Drying times

(at 23 °C and 50 % rel. humidity)



Recoatable	12 h
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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



7231

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.

### Wood moisture

**Softwoods:** 15 ± 2 %

**Hardwoods:** 12 ± 2 %

<b>Substrate preparation</b>	<p>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.</p> <p>Clean resin-rich woods and exotic woods with drying retardants with Nitro-Verdünner 8017 (8017).</p> <p>Treat algae, green deposits or mould in outdoor areas with Aviva Fungisan (8308).</p>
<b>COATING SYSTEM</b>	
<b>Impregnation</b>	<p>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.</p> <p>Intermediate drying time: approx. 12 hours</p> <p>Use wood preservatives safely. Always read the label and observe the respective technical data sheets of the products before use.</p> <p>Please follow our <b>ARL 056 - Working guideline for the use of wood preservatives.</b></p>
<b>Primer coat</b>	<p>1 x Pullex Langzeit-Lasur (4449)</p> <p>Intermediate drying: approx. 12 hour(s)</p>
<b>Finishing coat</b>	<p>1 x Pullex Langzeit-Lasur (4449)</p>
<b>MAINTENANCE</b>	
<b>Care</b>	<p>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.</p> <p>If required, remove dust and dirt from the still intact areas and paint 1 – 2 x using Pullex Langzeit-Lasur (4449).</p> <p>On deep-pored hardwoods, e.g. Oak, Iroko, shorter maintenance intervals must be expected.</p> <p>Please follow our <b>ARL 504 - Working guideline for coating non-dimensionally stable and limited dimensionally stable construction elements - Maintenance and Repair.</b></p>
<b>ORDERING INFORMATION</b>	
<b>Size of trading unit</b>	<p>750 ml, 2.5 l, 5 l</p>
<b>Colour shades / Glosslevels</b>	<p><b>Standard colour(s):</b>  Weide (4449050043)  Eiche (4449050044)  Lärche (4449050045)  Kastanie (4449050047)  Afzelia (4449050051)  Kalkweiß (4449050054)  Kiefer (4449050046)  Nuss (4449050049)  Palisander (4449050050)  Sipo (4449050048)  Wenge (4449050052)  Farblos (4449000200)</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>

In order to ensure uniformity of the colour shade, use only material with the same batch number on a given surface.

Apply exclusively pigmented colour shades to ensure a good weather resistance.

Two coats of paint must be applied to ensure good weather resistance.

Medium colour shades have the best weathering resistance; colours that are too light or too dark should be avoided if exposed to extreme weathering.

When brightening the standard colour shades with Pullex Langzeit-Lasur colourless (4449), shorter renovation intervals must be expected (reduced UV protection). Therefore, Weide or Eiche should be used to brighten darker colour shades.

### Supplementary products

Aviva Fungisan (8308)  
Nitro-Verdünner 8017 (8017)  
Pullex Imprägnier-Grund (4436)  
Pullex Terrassen- und Gartenöl (4454)

Please refer to the corresponding technical data sheets of the products.

## FURTHER DETAILS

### Durability / storage



Min. 5 year(s) in the original sealed containers.

Make sure the product is protected against moisture, direct sunlight, frost and high temperatures (above 30 °C).

We recommend to transfer the contents of open containers to smaller ones in order to prevent gelling / skin formation.

Close opened containers well and use up the content as soon as possible.

### Technical specifications

VOC content of the ready-to-use mixture: Limit value according to Directive 2004/42/EC for Pullex Langzeit-Lasur (Cat A/e): 400 g/l.  
Pullex Langzeit-Lasur contains a maximum of 400 g/l VOC.

### Giscode

BSL20

### Declaration of ingredients according to VdL-RL 01

alkyd resins / aliphatic compounds / inorganic white and coloured pigments / organic pigments / glycol ether / wetting agent / drying agents (siccatives) / light stabilisers / surface additive / anti-skin agent / Film protectant

Contains 3-iodo-2-propynyl butylcarbamate. May cause allergic reactions.

**Information for allergy sufferers under telephone no. +43 5242 6922-713.**

### Safety information



Read the label before use.

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.

Repeated contact can lead to chapped or cracked skin.

During sanding use P2 / P3 dust filter.

If medical advice is needed, have the packaging or label ready.

Keep out of the reach of children.

Ensure good ventilation during application and drying.

During work, do not eat, drink or smoke.

Avoid release into the environment.

Dispose of contents, container in accordance with national regulations.

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 [www.adler-lacke.com](http://www.adler-lacke.com).