

## Pullex 3in1-Lasur

4465

Matt impregnation glaze for DIY and professional use

### PRODUCT DESCRIPTION

#### General

Solvent-based universal wood glaze, free of aromatic hydrocarbons and free of cobalt based on long oil alkyd resins for wood used outdoors. Primer, intermediate and final coating in one. With the product you will obtain natural matt surfaces with uniform coloration. The open pored product is characterized by an excellent water resistance, long durability and uniform degradation when exposed to weathering.

#### Special properties and standards

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

**Active substance:**

3.0 g/kg (0,30 %) IPBC (3-Iod-2-propinylbutylcarbamate)

#### Application areas



- 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.

### PROCESSING

#### Instructions for use



- 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 %.
- Do not process it under conditions of intense sunlight, rain, extremely high humidity, strong wind or pending frost.
- For new timber components we recommend an all-over coating
- Due to the system, glazes are only limitedly step-resistant and therefore require more frequent maintenance.
- The flow of resin cannot be avoided based on the coating method.
- 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.

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Our instructions for use are based on knowledge available currently and shall guide the buyer/user to the best of one's knowledge, but, however, must be clarified for the areas of application and processing conditions on a case-to-case basis. The buyer/user is responsible for deciding on the suitability and use of the delivered product, which is why it is recommended to produce a sample to check the suitability of the product. Our general terms and conditions of sale are otherwise applicable. All previous data sheets are rendered invalid with the issue of this one. Rights reserved for the modification of the container sizes, colour shades and degrees of gloss available.

- 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 observe our **ARL 505 - Working guideline for alkyd resin lacquers/ glazes and oils.**

### Application technique



Application method	Brushing
Yield per application (m <sup>2</sup> /l) Planed/sanded	approx. 12
Yield per application (m <sup>2</sup> /l) Rough sawn	approx. 8

#### The product is ready to brush.

The shape, the properties and moisture of the substrate affect the consumption/yield. Accurate values for consumption must be obtained by applying trial coats in advance.

### Drying times

(at 23 °C and 50 % rel. humidity)



Recoatable	after approx. 12 hours
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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.

On types of woods rich in extracts (such as oak, iroko), the drying process may take longer.

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

### Cleaning the equipment



the working With Adlerol-Terpentinölersatz 8002 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 ÖNORM B 3430, Part 1 and ÖNORM B 2230, Part 1.

See also VOB, Part C, DIN 18363, Paragraph 3; painting and coating work.

Please observe BFS data sheet no. 18.

### Wood moisture

**Hardwoods:** 12 % +/- 2 %

**Softwoods:** 15 % +/- 2 %

### Preparation of the substrate

For optimal durability, we recommend sanding smooth wooden surfaces with grit size 80 in the direction of the fiber, cleaning them thoroughly and removing wood extractives, such as resin and pitch pockets. Round off any sharp edges.

Clean highly resinous timbers and exotic timbers containing drying retardant components with Nitro-Verdünnung 8017.

Treat outdoor infestation or attack by algae, green covering or mold with Aviva Fungisan 8308.

Please observe the relative technical data sheets of the products.

## COATING SYSTEM

### Impregnation

If necessary, apply 1 coat of Pullex Imprägnier-Grund 4436 (applies to timbers of durability class 3-5 according to EN 350-2) 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 relative technical data sheets of the products before use.

Please follow our **ARL 056 - Working guideline for the use of wood preservatives**.

### Primer

1x Pullex 3in1-Lasur 4465

Intermediate drying time: approx. 12 hours

### Intermediate coat

1x Pullex 3in1-Lasur 4465

(only recommended in case of direct exposure to weathering and light colour shades)

Intermediate drying time: approx. 12 hours

### Finishing coat

1x Pullex 3in1-Lasur 4465

## MAINTENANCE & RENOVATION

### Maintenance and renovation

The durability of exterior wooden components depends on many factors: These are, in particular, the type of weathering, constructive protection, mechanical stress and the choice of the processed color shade; for long durability, regular inspection, maintenance and, if necessary, repair measures are required.

If required, remove dust and dirt from the still intact areas and paint 1-2 x with Pullex 3in1-Lasur 4465 in lighter colour shades.

On deep-pored hardwoods, e.g. Oak, Iroko, shorter maintenance intervals must be expected.

Please follow our **ARL 504 - Working guideline for coating non-dimensionally stable and limited dimensionally stable construction elements - Maintenance and Renovation**.

## ORDERING INFORMATION

**Size of trading unit** 0,75l; 2,5 l; 4,5 l; 10l

**Colour shades / degrees of gloss** Other colour shades can be obtained using the **ADLER colour mixing system Color4You**.

Basis W30 4465000030

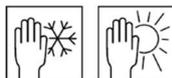
**Color4You** 

- The final colour is basically obtained from the inherent colour of the wood, the applied quantity, the colour of the impregnation and the colour of the finishing coat.
- 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.
- In order to ensure uniformity of the colour shade, use only material having the same batch number on a given surface.
- Two coloured layers need to be applied to guarantee good weathering resistance.
- Apply exclusively pigmented colour shades to ensure a good weather resistance.
- Medium colours 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 for the application of a new coat using Pullex 3in1-Lasur 4465, the interval for maintenance may be shorter (reduced UV protection). Therefore, Weide or Eiche should be used to brighten darker colour shades.
- Please consume blended products within 3 months.
- Please observe our ARL 800 - Working guideline for working (including care and maintenance) with ADLER Mix, PUR Mix and Color4You dosing machines.

**Supplementary products** Adlerol-Terpentinölersatz 8002  
Aviva Fungisan 8308  
Nitro-Verdünnung 8017

## OTHER INSTRUCTIONS

**Durability / storage**



At least 5 years in the original sealed containers.

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

**Technical specifications** VOC-content EU threshold for Pullex 3in1-Lasur (cat. A/f): 700 g/l. Pullex 3in1 Lasur contains a maximum of 700 g/l VOC.

**GISCODE** BSL40

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

Alkyd resin, aliphatics, inorganic white and coloured pigments, organic pigments, silicic acid, waxes, glycol ethers, wetting agents, drying agents, light stabilisers, anti-skin agents

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

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

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**Safety-related information**



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.

While grinding use at least dust filter P2 as personal protective equipment to protect against sanding and wood dust. In case of hardwood (especially for Beech, Oak) a dust filter P3 is recommended.

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).

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