

## Pullex Aqua 3in1-Lasur

5364000030 ff

Matt wood preservative impregnation-glaze for DIY and professional use

### PRODUCT DESCRIPTION

#### General

Universal water-based wood preservative glaze with active biocidal agents for wood used outdoors. Impregnation, primer and final-coat in one product. 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 active substances used provide the protection required against blue stain (test conforming to EN 152-1) and wood-destroying fungi (test conforming to EN 113), as specified by ÖNORM B 3802-2 or DIN 68800-3, and also prevent insect infestation (test according to EN 46).

#### Active substances (B, P, Iv)

7,2 g / kg (0,72 %) IPBC (iodopropynylbutylcarbamate)

2,0 g/kg (0,20%) tebuconazole

0,4 g/kg (0,04%) polymer betain

0,8 g/kg (0,08%) permethrin

#### Application area



For non-dimensionally stable and limited dimensionally stable timber components in the outdoor area such as wooden houses, timber cladding, canopies, profile boards, window shutters, balconies, gates, etc. in usage classes 2 and 3 without ground contact.

### 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 + 15 °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
- Based on the system glazes are hardwearing only to a limited extent 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.

- 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.
- Please observe our **“Working guideline for the use of wood preservatives”**.
- Please follow our **“Working guideline for coating non-dimensionally stable and limited dimensionally stable construction elements – General part”**.

**Application technique**



Application method	Brushing
Yield per application (m <sup>2</sup> /l) Planed/sanded	approx. 10 - 12
Yield per application (m <sup>2</sup> /l) Rough sawn	approx. 8

**The product is ready for brushing.**

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. 3–4 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.

Avoid direct sunlight (very quick drying).

**Cleaning the working equipment**



With water immediately after use.

**SUBSTRATE**

**Type of substrate**

Softwood and hardwood 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), etc.

**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.

Please observe and follow 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 %.

<b>Preparation of the substrate</b>	<p>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.</p> <p>Clean highly resinous timbers and exotic timbers containing drying retardant components with ADLER Nitro-Verdünnung 80001.</p> <p>Treat outdoor infestation or attack by algae, green covering or mold with Aviva Fungisan 8308000210.</p> <p>Please observe the relative technical data sheets of the products.</p>
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## COATING SYSTEM

<b>Impregnation</b>	<p>1 x Pullex Aqua 3in1-Lasur 5364000030 ff coloured</p> <p>Intermediate drying: approx. 3 - 4 hours</p>
<b>Primer coat</b>	<p>1 x Pullex Aqua 3in1-Lasur 5364000030 ff coloured (only recommended in case of direct exposure to weathering and light colour shades)</p> <p>Intermediate drying: approx. 3 - 4 hours</p>
<b>Finishing coat</b>	<p>1 x Pullex Aqua 3in1-Lasur 5364000030 ff coloured</p>

## MAINTENANCE & RENOVATION

<b>Maintenance and renovation</b>	<p>The durability depends on several factors: these include particularly the type of weathering, constructional protection, mechanical stress and the choice of colour applied. To obtain long durability, preservation work is necessary in time. Therefore, we recommend annual maintenance.</p> <p>If required, remove dust and dirt from the still intact areas and paint 1-2 x with Pullex Aqua 3in1 Lasur 4435000030 ff in lighter colour shades.</p> <p>On deep-pored hardwoods, e.g. Oak, Iroko, shorter maintenance intervals must be expected.</p> <p>Please follow our “<b>Working guideline for coating non-dimensionally stable and limited dimensionally stable construction elements - Maintenance and Renovation</b>”.</p>
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## ORDERING INFORMATION

<b>Size of trading unit</b>	<p>Standard colours: 0.75 l; 2.5 l; 10 l</p> <p>W30 5364000030: 0.75 l; 2.5 l; 10 l</p>
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<b>Colour shades / degrees of gloss</b>	<table> <tr> <td>Eiche</td> <td>5364050044</td> <td>Nuss</td> <td>5364050049</td> </tr> <tr> <td>Lärche</td> <td>5364050045</td> <td>Palisander</td> <td>5364050050</td> </tr> <tr> <td>Kiefer</td> <td>5364050046</td> <td></td> <td></td> </tr> </table>	Eiche	5364050044	Nuss	5364050049	Lärche	5364050045	Palisander	5364050050	Kiefer	5364050046		
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**Color4You** 

Other colour shades can be obtained using the **ADLER colour mixing system Color4You**.

Base W30 5364000030

- 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.
- Apply exclusively pigmented colour shades to ensure a good weather resistance.
- Moderate colour shades have the best weather resistance; avoid very light or dark colour shades under extreme climatic conditions.
- When brightening the standard colour shades for the application of a new coat using Pullex Aqua 3in1-Lasur W30 5364000030, the interval for maintenance may be shorter (reduced UV protection).
- Please consume blended products within 3 months.

**Supplementary products**

Aviva Fungisan 8308000210  
ADLER Nitro-Verdünnung 80001

**FURTHER DETAILS****Durability / storage**

At least 2 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 limit value for Pullex Aqua 3in1-Lasur (cat. A/f): 130 g/l (2010). Pullex Aqua 3in1-Lasur contains a maximum of 80 g/l VOC.
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**Product code for wood preservatives**

HSW10

**Safety-related information**

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).

Use wood preservatives safely. Always read the label and observe the relative technical data sheets of the products before use.

Wood freshly treated with Pullex Aqua 3in1-Lasur must be stored on an impermeable, hard substrate after painting to prevent product residue from penetrating into the ground or waters. Any leaking product must be collected for reuse or disposal.

Pullex Aqua 3in1-Lasur contains active biocidal substances to protect against blue stain, wood-destroying fungi and has a preventive effect against insect infestation. The product should therefore only be used when protection of the wood is prescribed or in specific cases when it is necessary. Do not use indoors. Do not apply in rooms which are used to gain, produce, store or sell food and feed. Do not use for wood that is fitted in apiaries or saunas and for wood in permanent contact with the ground and/or waters. Danger for bats. Treated wood is not to be used within spitting distance to waters.