

**Pullex 3in1-Lasur**

**4435000030 sgg.**

**Matt wood preserving impregnation-glaze for DIY and professional use**

**PRODUCT DESCRIPTION**

**General**

Solvent-based universal wood preserving glaze, free of aromatic hydrocarbons and free of cobalt 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 colouration. The open pored product is characterized by an excellent weather resistance, long durability and uniform degradation from exposure to weather.

**Special properties and standards**

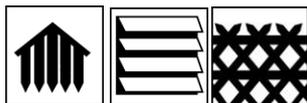


- The active substances used provide the protection required against blue stain (test conforming to EN 152-1) and wood-destroying fungi (test conforming to EN 113), as specified by ÖNORM B 3803 or DIN 68800-3, and also prevent insect infestation (test according to EN 46). Application quantity for testing in conformity with the standards 140-155 g/m<sup>2</sup>.

Active substances (B, P, Iv)  
 0.7% (0.7 g / 100 g) IPBC (3-iodopropinyl butylcarbamate)  
 0.3 % (0.3 g / 100 g) Tebuconazole  
 0.06 % (0.06 g / 100 g) Permethrin

- Certificate of appreciation (04/15) ARGE Holzschutzmittel (wood preservatives consortium), Association of the Austrian chemical industry.

**Application areas**



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

**PROCESSING**

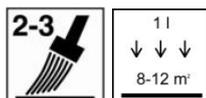
**Instructions for use**



- Please stir the product before use.
- Do not apply if temperatures are below 5 °C or higher than 30 °C and/or relative humidity > 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.

- The washing out of water-soluble substances in the wood, especially during driving rain, can be minimised by an all-round coating and an additional coat of paint on the end-grain surfaces.
- 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”**.

### 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

**Attention: Do not spray the product!**

**The product is ready for 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.

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), the drying process may take longer.

### Cleaning the working equipment



With ADLER Adlerol Aromatenfrei 80301.

## 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 (or condition)

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 2230-1.

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 such as planed wood 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 infestation or attack by algae, moss 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>1x Pullex 3in1-Lasur 4435000030 ff</p> <p>Intermediate drying: approx. 12 hours</p>
<b>Primer coat</b>	<p>1x Pullex 3in1-Lasur 4435000030 ff (only recommended in case of heavy weathering and light colour shades)</p> <p>Intermediate drying: approx. 12 hours</p>
<b>Final coat</b>	<p>1x Pullex 3in1-Lasur 4435000030 ff</p>

## MAINTENANCE AND 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 x with Pullex 3in1-Lasur 4435000030 ff in lighter colour shades.</p> <p>On deep-pored hardwoods, e.g. Oak, Iroko, shorter maintenance intervals must be anticipated.</p> <p>Please follow our <b>“Working guideline for coating non-dimensionally stable and limited dimensionally stable construction elements - Durability, maintenance and renovation”</b>.</p>
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## ORDERING INFORMATION

<b>Size of trading unit</b>	<p>Standard colours: 0.75 l; 5 l; 20 l W30 4435000030: 0.75 l; 5 l; 10 l</p>			
<b>Color shades/degree of gloss</b>	Eiche	4435050044	Nuss	4435050049
	Lärche	4435050045	Palisander	4435050050
	Kiefer	4435050046		

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

Base W30 4435000030

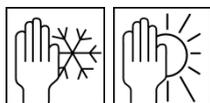
- The final colour is basically obtained from the inherent colour of the wood, the applied quantity, the colour of the impregnation and the colour of the finishing coat.
- It is recommended to prepare a trial colour sample on the original substrate using the coating system selected in order to assess 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.

**Color4You** 

- 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 3in1-Lasur W30 443500030, the interval for maintenance may be shorter (reduced UV protection).
- Please consume blended products within 3 months.

**Supplementary products**

ADLER Adlerol 80301  
 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).

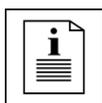
We recommend that you transfer the contents of open containers to smaller ones in order to prevent gelling / skin formation.

**Technical specifications**

VOC content      EU threshold for Pullex 3in1-Lasur (Cat. A/f): 700 gm./l (2010). Pullex 3in1-Lasur contains maximum 700 gm/l VOC (Volatile Organic Compounds).

**Product code for wood preservatives**

HSM-LV 20

**Safety-related information**

Please follow our “Guidelines on the use of wood preservatives” and the associated safety data sheet! The current version can be retrieved from the Internet at [www.adler-lacke.com](http://www.adler-lacke.com)

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.

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

Pullex 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 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 water. Danger for bats. Treated wood is not to be used within spitting distance to waters.