

Pullex 3in1-Lasur

4435000030 ff

Matt wood preservative 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 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 DIN EN 152) 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). Application quantity for testing in conformity with the standards 140-155 g/m².

Active substances (B, P, Iv)

7.0 g/kg (0.70 %) IPBC (Iodpropinylbutylcarbamate)

3.0 g/kg (0.30%) Tebuconazol

0.6 g/kg (0.06 %) Permethrin

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



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 + 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
- 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.

01-20 (supersedes 08-18) ZKL 4435

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Our instructions for use are based on knowledge available currently and shall guide the purchaser / 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.

- 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 follow our **ARL 500 - Working guideline for coating non-dimensionally stable and limited dimensionally stable construction elements – General part.**
- Please observe our **ARL 056 - Working guideline for the use of wood preservatives.**

Application technique



Application method	Brushing
Yield per application (m ² /l) Planed/sanded	approx. 12
Yield per application (m ² /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.

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	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 working equipment



With ADLER Adlerol-Terpentinölersatz 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	<p>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.</p> <p>A prerequisite for ensuring long durability of the coating is to observe the basic principles of constructional wood preservation.</p> <p>Please observe and follow ÖNORM B 2230 Part 1.</p> <p>See also VOB, Part C, DIN 18363, Paragraph 3; painting and coating work.</p> <p>Please observe BFS data sheet no. 18.</p>
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Wood moisture	<p>Hardwoods: 12 % +/- 2 %</p> <p>Softwoods: 15 % +/- 2 %.</p>
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Preparation of the substrate	<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

Impregnation	<p>1x Pullex 3in1-Lasur 4435000030 ff</p> <p>Intermediate drying: approx. 12 hours</p>
Primer coat	<p>1x Pullex 3in1-Lasur 4435000030 ff (only recommended in case of direct exposure to weathering and light colour shades)</p> <p>Intermediate drying: approx. 12 hours</p>
Final coat	<p>1x Pullex 3in1-Lasur 4435000030 ff</p>

MAINTENANCE AND RENOVATION

Maintenance and renovation	<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 expected.</p> <p>Please follow our ARL 504 - Working guideline for coating non-dimensionally stable and limited dimensionally stable construction elements - Maintenance and Renovation.</p>
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ORDERING INFORMATION

Size of trading unit

Standard colours: 0.75 l; 5 l; 20 l
W30 4435000030: 0.75 l; 4.5 l; 10 l

Colour shades / degrees of gloss

Eiche	4435050044	Nuss	4435050049
Lärche	4435050045	Palisander	4435050050
Kiefer	4435050046		

Color4You 

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

Base W30 4435000030

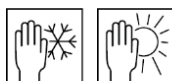
- The final colour is basically obtained from the inherent colour of the wood, the applied quantity, the colour of the impregnation and the colour of the finishing coat.
- It is recommended to prepare a trial colour sample on the original substrate using the coating system selected in order to assess 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.
- Two coloured layers need to be applied to guarantee good weathering resistance.
- 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 4435000030, the interval for maintenance may be shorter (reduced UV protection).
- Please consume blended products within 3 months.

Supplementary products

ADLER Adlerol-Terpentinölersatz 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).

Technical specifications

VOC content	EU threshold for Pullex 3in1-Lasur (cat. A/f): 700 g/l (2010). Pullex 3in1 Lasur contains a maximum of 700 g/l VOC.
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Product code for wood preservatives

HSM-LV 20

Safety-relevant 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**.

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

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 leaking product must be collected for reuse 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 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 must not be used in the immediate vicinity of water.
