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Technical data sheet

ADLER
Paint runs through our veins.

Pullex Plus-Lasur 50314 ff

Solvent-based, thin-film **wood glaze** for **DIY and professional use**

PRODUCT DESCRIPTION

General

Universal wood glaze for wood used outdoors. A novel binder-combination, a high body and active UV-filters ensure a long-term protection from weathering. Long open time facilitates brush application without laps. Environmentally friendly due to its higher solid content. The product is low-odour as a solvent due to white spirit free of aromatic hydrocarbons.

Special properties and standards

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

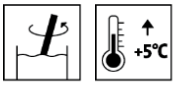
  Active substance:
  3.0 g/kg (0,30 %) IPBC (Iodpropinylbutylcarbamat)

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.
- We recommend Pullex Bodenöl 50527 ff for terrace floors and landing stages.
- Please observe the relative technical data sheets of the products.

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
- 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.
- 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.

01-20 (supersedes 01-16) ZKL 4415

ADLER-Werk Lackfabrik, A-6130 Schwaz
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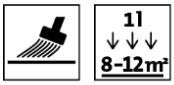
Our instructions for use are based on knowledge available currently and shall guide the purchaser / user to the best of one's knowledge, but, however, must be clarified for the areas of application and processing conditions on a case-to-case basis. The buyer/user is responsible for deciding on the suitability 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.

- 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.**

Application technique



Application method	Brushing
Yield per application (m²/l) Planed/sanded	approx. 10 - 12
Yield per application (m²/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

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

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 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 %.
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 ADLER Nitro-Verdünnung 80001. Treat outdoor infestation or attack by algae, green covering or mold with Aviva Fungisan 8308000210. Please observe the relative technical data sheets of the products.

COATING SYSTEM

Impregnation	If necessary, apply 1 coat of Pullex Imprägnier-Grund 4436000200 (applies to timbers of durability class 3-5 according to EN 350-2-2) to protect against blue stain, fungal decay and insect infestation. Intermediate drying: approx. 12 hours Use wood preservatives safely. Always read the label and observe the relative technical data sheets of the products before use. Please observe our **ARL 056 - Working guideline for the use of wood preservatives.**
Primer coat	1x Pullex Plus-Lasur 50314 ff coloured Intermediate drying: approx. 12 hours
Final coat	1x Pullex Plus-Lasur 50314 ff coloured

MAINTENANCE AND RENOVATION

Maintenance	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. If required, remove dust and dirt from the still intact areas and paint 1 - 2 x mit Pullex Plus-Lasur 50314 ff 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	Standard colours: 125 ml; 0,75 l; 2,5 l; 5 l; 20 l W30 50410: 0.75 l, 2.5 l, 4.5 l, 10 l

Colour shades / degrees of gloss

Weide	50316	Kiefer	50331
Eiche	50317	Nuss	50323
Lärche	50318	Palisander	50324
Kastanie	50420	Sipo	50421
Afzelia	50422	Wenge	50423
Kalkweiss	50314		

PACHE Sarl

Color4You

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

Base paints:

Base W30 50410
Base W15 Kalkweiß 50314

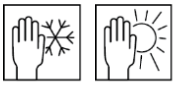
- It is recommended to prepare a trial colour sample on the original substrate using the coating system selected in order to assess the final colour shade.
- In order to ensure uniformity of the colour shade, use only material having the same batch number on a given surface.
- Two coloured layers need 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 Plus-Lasur W30 (colourless) 50410, 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.

Supplementary products

ADLER Adlerol Aromatenfrei 80301
Aviva Fungisan 8308000210
ADLER Nitro-Verdünnung 80001
Pullex Imprägnier-Grund 4436000200
Pullex Bodenöl 50527 ff

FURTHER DETAILS

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).

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

Technical specifications

VOC content	EU threshold for Pullex Plus-Lasur (cat. A/e): 400 g/l (2010). Pullex Plus-Lasur contains a maximum of 400 g/l VOC.

Product code for paints and varnishes

M-KH02F

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.**

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.