

Pullex High-Tech

50460 ff

Solvent-based **high-solid wood glaze** for **DIY and professional use**

PRODUCT DESCRIPTION

General

Solvent-based wood glaze for exterior use. A combination of high-solid alkyd resins guarantees a high body and, at the same time a low viscosity. Very good penetration into the wooden support. High-quality UV filter ensure a long-term protection from weathering. 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 (Iodpropinylbutylcarbamate)

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.

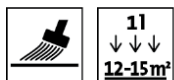
01-20 (supersedes 01-16) ZKL 4408

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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 (m ² /l) Planed/sanded	approx. 12 - 15
Yield per application (m ² /l) Rough sawn	approx. 8 - 10

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



80301

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 %.
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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>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.</p> <p>Intermediate drying: approx. 12 hours</p> <p>Use wood preservatives safely. Always read the label and observe the relative technical data sheets of the products before use.</p> <p>Please observe our ARL 056 - Working guideline for the use of wood preservatives.</p>
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Primer coat	<p>1 x Pullex High-Tech 50461 ff</p> <p>Intermediate drying: approx. 12 hours</p>
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Final coat	1 x Pullex High-Tech 50461 ff
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MAINTENANCE AND RENOVATION

Maintenance	<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 High-Tech 50461 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	W30 50460: 750 ml; 2,5 l; 4.5 l, 10 l
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Colour shades / degrees of gloss	Other colour shades can be obtained using the ADLER colour mixing system Color4You.
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Color4You 

Base paints:

Base W30 50460

- 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.

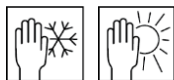
- It is recommended to prepare a trial colour sample on the original substrate using the coating system selected in order to assess the final colour shade.
- In order to ensure uniformity of the colour shade, use only material having the same batch number on a given surface.
- Two coloured layers need 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 High-Tech W30 50460, 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-Terpentinölersatz 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 High-Tech (cat. A/e):
 400 g/l (2010). Pullex High-Tech 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.