

## Pullex Holzfarbe

4451

Solvent-based, **opaque wood stain** for DIY

### PRODUCT DESCRIPTION

#### General

Universal, silk-matt, opaque wood stain based on high-quality, long oleic binders for exterior use. Very good weather resistance, open to diffusion, moisture-regulating, environmentally friendly due to its high solids content. The product has a low odor due to the use of aromatic-free white spirit as a solvent.

#### Special properties and standards

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

**Active substance:**

2.4 g/kg (0.24 %) 3-Iod-2-propinylbutylcarbamate

#### Application area



For non-dimensionally stable and limited dimensionally stable timber components for exterior use, such as e.g. wooden houses, timber cladding, canopies, profile boards, window shutters, balconies, gates.

For dimensionally stable timber components for exterior and interior use, such as e.g. wooden windows and front doors.

For new coatings and particularly for the renovation of exterior wood.

### PROCESSING

#### Processing instructions



- 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.
- Resin flow cannot be avoided by the coating.
- 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.
- Any change in the processing sequence, environmental conditions, non-observance of instructions or the use of products not listed may have an unfavourable effect on the result. Deviations lead to film and adhesion problems as well as to impairments with regard to weathering and color stability.
- Please follow our **ARL 500 - Working guideline for coating non-dimensionally stable and limited dimensionally stable construction elements – General part.**

- Please follow our **ARL 505 - Working guideline for alkyd resin coatings/-glazes and oils.**
- Please follow our **ARL 300 - Working guideline for coating dimensionally stable and limited dimensionally stable construction elements - General part** along with all standards and guidelines for window construction.
- Please follow our **ARL 340 - Wood preservation of dimensionally stable and limited dimensionally stable components in accordance with DIN 68800.**

### Application technique



	Brushing	Rolling
Diluent	Adlerol-Terpentinölersatz (7231)	
Diluent amount added (%)	0 - 5	
Applied quantity per application (ml/m <sup>2</sup> )	80 - 100	

The product is ready to use.

The shape and surface condition of the workpiece as well as the type of application influence the actual consumption. 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 hour(s)
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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), drying may be delayed.

### Cleaning the working equipment



With Adlerol-Terpentinölersatz (7231) immediately after use.

## SUBSTRATE

### Type of substrate

Softwoods and hardwoods 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).

### 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.

### Wood moisture

**Hardwoods:** 12 ± 2 %  
**Softwoods:** 15 ± 2 %

### Substrate preparation

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.

Clean resin-rich woods and exotic woods with drying retardants with Nitro-Verdünner 8017 (8017).

Treat algae, green deposits or mould in outdoor areas with Aviva Fungisan (8308).

## COATING SYSTEM

### Impregnation

If necessary, impregnate outdoors once with Pullex Imprägnier-Grund (4436) (applies to timbers of durability class 3-5 according to EN 350) to protect against blue stain, fungal decay and insect infestation.

Intermediate drying time: approx. 12 hours

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

Please follow our **ARL 056 - Working guideline for the use of wood preservatives**.

### Primer coat

1 x Pullex Holzfarbe (4451)

### Intermediate sanding



Slight smooth sanding: Grit size 240

Remove sanding dust.

### Finishing coat

1 x Pullex Holzfarbe (4451)

## MAINTENANCE

### Care

The durability depends on several factors: these include particularly the type of weathering, constructive protection, mechanical stress and the choice of colour applied. To obtain long durability, regular inspection, maintenance and, if necessary, repair measures are necessary.

If required, remove dust and dirt from the still intact areas and paint 1 - 2 x with Pullex Holzfarbe (4451) in the required colour shade.

On deep-pored hardwoods, e.g. Oak, Iroko, shorter maintenance intervals must be expected.

### Maintenance

Please follow our **ARL 504 - Working guideline for coating non-dimensionally stable and limited dimensionally stable construction elements - Maintenance and Repair**.

## ORDERING INFORMATION

### Size of trading unit

750 ml, 2,5 l

### Colour shades / Glosslevels

#### Standard colour(s):

Weiß (4451050000)

Braun (4451056055)

Rot (4451056056)

Ocker (4451056390)

RAL3011 Braunrot (4451003011)

RAL6005 Moosgrün (4451006005)

RAL7035 Lichtgrau (4451007035)

RAL8011 Nussbraun (4451008011)

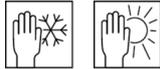
It is recommended to prepare a trial colour sample on the original substrate using the coating system selected in order to assess the final colour shade.

In order to ensure uniformity of the colour shade, use only material with the same batch number on a given surface.

**Supplementary products**

Adlerol-Terpentinölersatz (7231)  
 Aviva Fungisan (8308)  
 Nitro-Verdünner 8017 (8017)  
 Pullex Imprägnier-Grund (4436)

Please refer to the corresponding technical data sheets of the products.

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

Min. 5 year(s) 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.

Close opened containers well and use up the content as soon as possible.

**Technical specifications**

VOC content of the ready-to-use mixture: EU limit for Pullex Holzfarbe (Cat A/e):400 g/l.  
 Pullex Holzfarbe contains maximum 380 g/IVOC.

**Giscode**

BSL20

**Declaration of ingredients according to VdL-RL 01**

alkyd resins / inorganic white and coloured pigments / organic pigments / aliphatic compounds / interface additives / rheology additives / wetting agent / light stabilisers / anti-skin agent / drying agents (siccatives) / 3-iodo-2-propinylbutylcarbamate

Contains 3-iodo-2-propynyl butylcarbamate. May cause allergic reactions.

**Information for allergy sufferers under telephone no. +43 5242 6922-713.**

**Safety information**

During sanding use P2 / P3 dust filter.

If the product comes into contact with your eyes, rinse immediately with water and consult a doctor!

Keep out of the reach of children.

Ensure proper ventilation during and after application.

During work, do not eat, drink or smoke.

Repeated contact can lead to chapped or cracked skin.

Do not allow to enter drains, water courses or soil.

Only dispose of empty containers for recycling. Dried material leftovers can be disposed of as household waste. Dispose of liquid material residues at the recycling center or the mobile collection of harmful substances.

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.

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).