

## Pullex Fenster-Lasur

4405

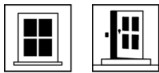
Solvent-based, **wood varnish** for DIY and commercial use

### PRODUCT DESCRIPTION

#### General

Biocide-free, solvent-based mid-range varnish for interior and exterior use. Lightfast, micronized special pigments and active UV filters guarantee long-term weather protection. The product is characterized by its very good weather and UV resistance. The product has a low odor due to the use of aromatic-free white spirit as a solvent.

#### Application area

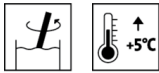


For dimensionally stable timber components for exterior and interior use, such as e.g. wooden windows and front doors.

Ideal for renovating weathered exterior wood coatings.

### 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 5 - 15 °C with a relative atmospheric humidity between 40 - 80 %.
- Do not process it under conditions of intense sunlight, rain, extremely high humidity, strong wind or pending frost.
- For new timber components we recommend an all-over coating.
- 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.
- 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.
- 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 300 - Working guideline for coating dimensionally stable and limited dimensionally stable construction elements - General part** along with all standards and guidelines for window construction.

### Application technique



	<b>Brushing</b>
<b>Applied quantity per application (ml/m<sup>2</sup>)</b>	100 - 125

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. 6 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



7231

With Adlerol-Terpentinölersatz (7231) immediately after use.

## SUBSTRATE

### Type of substrate

Wood in accordance with the guidelines for window construction.

### 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 the additional documents:

- ÖNORM B 2230-1
- ÖNORM B 3430-1
- DIN 18363
- BFS data sheet no. 18.

### Wood moisture

**Hardwoods:** 12 ± 2 %

**Softwoods:** 15 ± 2 %

### Substrate preparation

For optimal durability we recommend to sand smooth wooden surfaces with grain size 80 – 120 in the direction of the fibre, clean thoroughly and remove wood extractives such as, for example, resins and resin pockets.

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

Sand and/or leach intact old coating. Remove old coatings that cannot be recoated.

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

Treat mold infestation indoor with Aviva Schimmelex chlorfrei (8312) or 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

#### New coating:

#### Hardwoods and softwoods:

1 x Pullex 3in1-Lasur (4465)

#### Renovation coating:

#### Softwoods:

1 x Pullex Renovier-Grund (4416)

#### Hardwoods:

Match shade with Pullex 3in1-Lasur (4465) to the existing colour.

### Intermediate sanding



If necessary: Slight smooth sanding: Grit size 240 – 280

Remove sanding dust.

### Intermediate/finishing coat

#### Softwoods:

2 x Pullex Fenster-Lasur (4405) in the desired colour

#### Hardwoods:

2 x Pullex Fenster-Lasur Natur (4405062607)

## 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 using Pullex Fenster-Lasur (4405).

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

### Maintenance

Please follow our **ARL 304 - Working guideline for coating dimensionally stable and limited dimensionally stable construction elements - Maintenance and repair**.

## ORDERING INFORMATION

### Size of trading unit

750 ml, 2,5l

**Colour shades / Glosslevels****Color4You** 

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

**Base paint(s):**

Pullex Fenster-Lasur Basis W30 (50413)

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.

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.

Apply exclusively pigmented colour shades to ensure a good weather resistance.

Medium colour shades have the best weathering resistance; colours that are too light or too dark should be avoided if exposed to extreme weathering.

Please consume blended products within 3 months.

**Supplementary products**

Adlerol-Terpentinölersatz (7231)

Aviva Fungisan (8308)

Aviva Schimmelex chlorfrei (8312)

Nitro-Verdünner 8017 (8017)

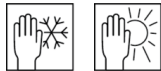
Pullex Imprägnier-Grund (4436)

Pullex 3in1-Lasur (4465)

Pullex Renovier-Grund (4416)

M-Fächer Pullex Renovierung (8604)

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 Fenster-Lasur (Cat A/e): 400 g/l.

Pullex Fenster-Lasur contains maximum 400 g/l VOC.

**Giscode**

BSL20

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

alkyd resins / inorganic white and coloured pigments / organic pigments / wetting agent / surface additive / rheology additives / interface additives / fuel / glycol ether / anti-skin agent / drying agents (siccatives)

**Safety information**

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.

During sanding use P2 / P3 dust filter.

If the product comes into contact with your eyes, rinse immediately with water.

Keep out of the reach of children.

Ensure good ventilation during application and drying.

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.

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).

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