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Technical data sheet

ADLER
Paint runs through our veins.

Pullex Primer-Reno 4400

Solvent-based, **equalising wood primer**, for DIY and trade

PRODUCT DESCRIPTION

General

Semi-transparent wood primer for evening out surfaces, for the renovation of wood coatings in outdoor areas that have severely deteriorated due to weathering. As well as stabilising wooden surfaces, Pullex Primer-Reno (4400) also evens them out and brightens them up. The product is low-odour due to the use of white spirit that is free from aromatic hydrocarbons 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-propinylbutylcarbamat

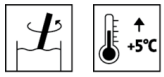
Application area

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

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.

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 %.
- Do not process it under conditions of intense sunlight, rain, extremely high humidity, strong wind or pending frost.
- The color shade, compatibility and adhesion to the substrate must be checked by creating sample panels.
- Drying up of excessive quantity applied and the formation of coating film layers as a result must be avoided, otherwise, it is necessary to sand the surface with grit size 220 or with appropriate grinding fleece!
- 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.

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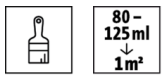
Our instructions are based on the current state of knowledge and are intended to advise the buyer/user to the best of our knowledge, but must be individually adapted to the areas of application and processing conditions. The buyer/user is responsible for deciding on the suitability and use of the supplied product, which is why we recommend that a sample be produced to check the suitability of the product. In all other respects, our General Terms and Conditions of Sale apply. All previous data sheets lose their validity with this edition. We reserve the right to make changes to container sizes, color shades and available gloss levels.

- 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 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.**

Application technique



	Brushing
Applied quantity per application (ml/m²)	80 - 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 (solvent-based coatings)	6 hour(s)
Recoatable (water-based coatings)	16 hour(s)

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.

When renovationg with water-based, opaque coating systems a drying time of 16 hour(s) must be strictly adhered to! If the coating is left to dry for more than 48 hours, light intermediate sanding will be required before the next coat is applied.

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.

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Please observe the additional documents:

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

Wood moisture

Softwoods: 15 ± 2 %

Hardwoods: 12 ± 2 %

Substrate preparation

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).

Non-dimensionally stable timber components:

Brush off weathered, greyed wood, non-recoatable old coating residues, dust and dirt using a brass wire brush manually or with a machine using a nylon cup brush. Sand intact and non-absorbent old coats with grit size 80.

Dimensionally stable timber components:

Remove old coatings that cannot be recoated. Sand the well-adherent old coats (with grit size 80) and re-sand them (with grit size 120).

COATING SYSTEM

Primer coat

1 x Pullex Primer-Reno (4400)

Apply 2 coats ("wet on wet") on highly absorbent areas of the wood.

Intermediate drying time: approx. 6 hour(s)

Intermediate sanding

If necessary: Slight smooth sanding: Grit size 220 – 280 or suitable sanding fleece

Remove sanding dust.

Intermediate/finishing coat

Depending on application area: e.g.: Pullex Top-Lasur (4421) / Pullex Fenster-Lasur (4405) / Pullex Color (4403) / Samtalkyd (4514) / Brilliantalkyd (4503) / Pullex Aqua-Color (5325) / ADLER Varicolor (4117) / Pullex 2in1 Top-Color (4430)

ORDERING INFORMATION

Size of trading unit

0,75 l; 2,5 l; 10 l

Colour shades / Glosslevels

Color4You

Standard colour(s):
Beige, wie 50236 (4400057101)
Lärche (4400057113)

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

Base paint(s):
Pullex Primer-Reno Basis W20 (4400000020)

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.

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

In order to ensure uniformity of the colour shade, standard colour shades are not to be processed with shades of a tinted bases (mixed system) in one surface.

Please consume blended products within 3 months.

Please observe our **ARL 800- Working guideline for working (including care and maintenance) with ADLER Mix, PUR Mix and Color4You dosing machines.**

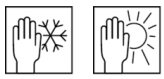
Supplementary products

ADLER Varicolor (4117)
Adlerol-Terpentinölersatz (7231)
Aviva Fungisan (8308)
Brilliantalkyd (4503)
Nitro-Verdünner 8017 (8017)
Pullex 2in1 Top-Color (4430)
Pullex Aqua-Color (5325)
Pullex Color (4403)
Pullex Fenster-Lasur (4405)
Pullex Top-Lasur (4421)
Samtalkyd (4514)

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: Limit value according to Directive 2004/42/EC for Pullex Primer-Reno (Cat A/h): 750 g/l.
Pullex Primer-Reno contains a maximum of 540 g/l VOC.

Giscode

BSL40

Declaration of ingredients according to VdL-RL 01

alkyd resins / aliphatic compounds / inorganic white and coloured pigments / organic pigments / surface additive / glycol ether / wetting agent / drying agents (siccatives) / light stabilisers / anti-skin agent / 3-Iod-2-propinylbutylcarbamat

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

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

Safety information

Read the label 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.

Repeated contact can lead to chapped or cracked skin.

During sanding use P2 / P3 dust filter.

If medical advice is needed, have the packaging or label ready.

Keep out of the reach of children.

Ensure good ventilation during application and drying.

During work, do not eat, drink or smoke.

Avoid release into the environment.

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Dispose of contents, container in accordance with national regulations.

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.**

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