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Technical data sheet

ADLER
Paint runs through our veins.

Pullex Silverwood 4464

Solvent-based **special effect wood glaze** for DIY and trade

PRODUCT DESCRIPTION

General

Solvent-based special effect wood glaze (natural, open-pore effect) for wood in outdoor areas. Primer, intermediate coat and finishing coat in one. Innovative range of colours with metal effect and aged wood character. Special pigmentation results in a silvery patina effect when exposed to weathering.

Special properties and standards

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

  Active substance:
  3.0 g/kg (0.30 %) 3-Iod-2-propinylbutylcarbamat

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.

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.
- For new timber components we recommend an all-over coating.
- Due to the system, glazes are only limitedly step-resistant and therefore require more frequent maintenance.
- 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.

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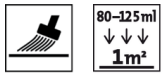
Our instructions are based on the current state of knowledge and are intended to advise the buyer/user to the best of our knowledge, but must be individually adapted to the areas of application and processing conditions. The buyer/user is responsible for deciding on the suitability and use of the supplied 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.

- 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

An additional 40 % material consumption is to be expected on rough sawn timber.

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.

Drying times

(at 23 °C and 50 % rel. humidity)

Recoatable after	approx. 12 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.

Cleaning the working equipment

With Adlerol-Terpentinölersatz (7231) immediately after use.

SUBSTRATE

Type of substrate

Softwoods: Softwood 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.

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 %

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. Round off any sharp edges.

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

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

No preparation of the substrate is required with rough-sawn, brushed or chopped softwoods.

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 Silverwood (4464)

Intermediate drying: approx. 12 hour(s)

Finishing coat

1 x Pullex Silverwood (4464)

ORDERING INFORMATION

Size of trading unit

0.75 l, 5 l, 20 l

Colour shades / Glosslevels

Standard colour(s):
Farblos (4464000200)
Altgrau (4464054364)
Fichte Hell Geflämmt (4464054776)
Silber (4464057002)
Graualuminium (4464066512)

Colourless, only for brightening up

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.

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

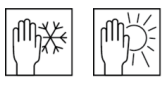
Supplementary products

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.

Technical specifications

VOC content of the ready-to-use mixture: Limit value according to Directive 2004/42/EC for Pullex Silverwood (Cat A/f): 700 g/l.
Pullex Silverwood contains a maximum of 630 g/l VOC.

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Giscode	BSL40
Declaration of ingredients according to VdL-RL 01	alkyd resins / aliphatic compounds / inorganic white and coloured pigments / wetting agent / glycol ether / drying agents (siccatives) / light stabilisers / anti-skin agent Contains 3-iodo-2-propynyl butylcarbamate. May cause allergic reactions. **Information for allergy sufferers under telephone no. +43 5242 6922-713.**
Safety information	When sanding, use at least a P2 dust filter as personal safety equipment to protect against abrasive and wood dust. 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.**

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