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Technical data sheet

ADLER
Paint runs through our veins.

Pullex Bodenöl 4402

Solvent-based **pigmented oil** for **horizontal wooden surfaces** for **exterior use** for DIY and professional use

PRODUCT DESCRIPTION

General

Water-repellent, deeply penetrating oil for horizontal wooden surfaces for exterior use (open-pore). Protects hardwoods and softwoods against dirt and moisture. Allows the wood to breathe and reduces swelling and shrinkage.
The product is characterised by excellent grain enhancement and easy, lap-free application.
Micronised special pigments ensure very good weather resistance and UV resistance as well as excellent colour shade stabilisation of exotic woods.
Without the addition of aromatic solvents.

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-iodo-2-propynylbutylcarbamate

- **DIN EN 16165:2023-02**
  Confirmed by external test certificate
  Meets the requirements of slip resistance class R10

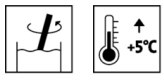
Application area

For horizontal wooden surfaces that are not dimensionally stable for exterior use, such as balcony floors, landing stages, terraces, etc.

Particularly suitable for types of wood such as larch and exotic types of wood such as Bangkirai, Teak and Massaranduba.

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 - 30 °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.
- **Attention:** Care should be taken to sand the wood uniformly and to apply the product evenly!
- A layer build-up must be avoided under all circumstances.
- Resin flow cannot be avoided by the coating application.

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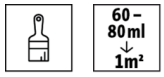
Our instructions are based on the current state of knowledge and are intended to advise the buyer/user to the best of our knowledge, but must be individually adapted to the areas of application and processing conditions. The buyer/user is responsible for deciding on the suitability and use of the supplied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

- It is optimal to apply a coating on all sides prior to installation. Following it is recommended to seal the cut edges using Vivido Allwetterlack (4502) (2 coats).
- 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.
- The formation of "footprint marks" is natural in case of highly frequented surfaces. These may, however, be eliminated with ease using regular preservative coatings (see preservative coat).
- 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 colour shade 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)	60 - 80

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	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.

To ensure perfect drying, good room ventilation must be provided. Low ventilation, e.g. from dense stacking, delays drying.

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

Clean immediately after use with Adlerol-Verdünner (7231).

SUBSTRATE

Type of substrate

Fine-pored and coarse-pored hardwoods and softwoods.

Thermowood treated wood.

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.

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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

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. Round off any sharp edges.

A prerequisite for ensuring long durability of the coating is to observe the basic principles of constructional wood preservation.

Clean resin-rich woods and exotic woods containing drying retardant components with Nitro-Verdünner 8017 (8017).

COATING SYSTEM

Primer coat

1 x Pullex Bodenöl (4402)

Intermediate drying: approx. 12 hour(s)

Finishing coat

1 x Pullex Bodenöl (4402)

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 x using Pullex Bodenöl (4402). Avoid film formation at all costs!

Maintenance

Sand weathered or greyed wood until the raw wood. Further processing as per new coating (see coating system).

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

ORDERING INFORMATION

Size of trading unit

750 ml, 2.5 l

Colour shades / Glosslevels

Color4You

Standard colour(s):
Java (4402057056)
Kongo (4402057069)
Lärche (4402085967)

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

Base paint(s):
Pullex Bodenöl Farblos, tönbar zum Aufhellen (50546)

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.

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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.

Please consume blended products within 3 months.

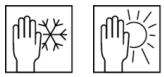
Supplementary products

Adlerol-Verdünner 7231 (7231)
Nitro-Verdünner 8017 (8017)
Vivido Allwetterlack (4502)

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

FURTHER DETAILS

Durability / storage



Min. 3 year(s) in the original sealed containers.

Make sure the product is protected against moisture, direct sunlight, frost and high temperatures (above 30 °C).

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

We recommend to transfer the contents of open containers to smaller ones in order to prevent gelling / skin formation.

Giscode

Ö60

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.

When sanding, use at least a P2 dust filter as personal safety equipment to protect against abrasive and wood dust. In case of hardwood (especially for Beech, Oak) a dust filter P3 is recommended.

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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