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Technical data sheet

ADLER
Paint runs through our veins.

Pullex Aqua-DSL 5338

Water-based, **matt thick-coat glaze** for wooden windows and exterior doors, for DIY and trade

PRODUCT DESCRIPTION

General

Biocide-free, breathable thick-coat glaze with very good weathering resistance, for both interior and exterior use. Stand-out features of this product include very good block resistance, rapid establishment of water resistance, a high degree of transparency, short drying times and a natural look.

Special properties and standards

- **ÖNORM EN 71-3**
  Safety of toys; migration of certain elements (free of heavy metals)
- **DIN 53160-1 and DIN 53160-2**
  Perspiration and saliva-proof properties
- **French ordinance DEVL1104875A**
  Marking of construction coating products for their emission of volatile pollutants: A+

Application area

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

PROCESSING

Processing instructions

- Please stir the product before use.
- The temperature of the product and object, and the room temperature must be at least +10 C.
- The optimal conditions for use are between 15 - 25 °C with a relative atmospheric humidity between 40 - 80 %.
- Early exposure to water from rain or dew must be prevented!
- The color shade, compatibility and adhesion to the substrate must be checked by creating sample panels.
- Sealants must be compatible with the coat and may only be applied once the paint has dried through. Sealing profiles with plasticizers tend to stick together in combination with paints. Please only use those types that have been tested.

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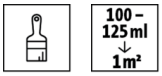
Our instructions are based on the current state of knowledge and are intended to advise the buyer/user to the best of our knowledge, but must be individually adapted to the areas of application and processing conditions. The buyer/user is responsible for deciding on the suitability and use of the supplied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

- Do not process it under conditions of intense sunlight, rain, extremely high humidity, strong wind or pending frost.
- Resin flow cannot be avoided by the coating.
- 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



	Brushing
Applied quantity per application (ml/m²)	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.

Drying times

(at 23 °C and 50 % rel. humidity)

Dust-dry (ISO 1517)	approx. 30 minute
Recoatable	approx. 3 h
Dried through	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.

Only close windows/doors once dried through!

Cleaning the working equipment

With water immediately after use.

To remove dried product residues we recommend using Abbeizer Express (8313).

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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
- DIN 18363
- BFS data sheet no. 18.

Wood moisture

13 % ± 2 %

COATING SYSTEM

Impregnation/Primer coat	1 x Pullex Aqua 3in1-Lasur (5368) Intermediate drying time: approx. 4 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.** **Alternatively without chemical wood protection:** 1 x Pullex Aqua-Deco (5344) Intermediate drying time: approx. 4 hours
Primer coat	1 x Pullex Aqua-DSL (5338) Intermediate drying time: approx. 3 hour(s)
Intermediate coat	1 x Pullex Aqua-DSL (5338) Intermediate drying: approx. 8 hour(s)
Finishing coat	1 x Pullex Aqua-DSL (5338)

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. Annual cleaning with Top-Cleaner (7208) and maintenance with Top-Care (7227) in the package with Windoor Care-Set (7229).
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, 2.5 l
Colour shades / Glosslevels Color4You	**Standard colour(s):** Natur, FI101 (5338100845) Eiche 51502 (5338052262) Hanf (5338053819) Other colour shades can be obtained using the **ADLER colour mixing system Color4You.** **Base paint(s):** Pullex Aqua-DSL Basis W30 (51513) In order to ensure uniformity of the colour shade, use only material with the same batch number on a given surface. 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. 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. Please observe our **ARL 800- Working guideline for working (including care and maintenance) with ADLER Mix, PUR Mix and Color4You dosing machines.**

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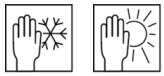
Supplementary products	Abbeizer Express (8313) Pullex Aqua-IG (5357) Top-Care (7227) Top-Cleaner (7208) Windoor Care-Set (7229) Pullex Aqua 3in1-Lasur (5368) Pullex Aqua-Deco (5344) Please refer to the corresponding technical data sheets of the products.

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.
Technical specifications	VOC content of the ready-to-use mixture: Limit value according to Directive 2004/42/EC for Pullex Aqua-DSL (Cat A/e): 130 g/l. Pullex Aqua-DSL contains a maximum of 50 g/l VOC.
Giscode	BSW30
Declaration of ingredients according to VdL-RL 01	acrylic dispersions / water / inorganic white and coloured pigments / organic pigments / glycol ether / light stabilisers / surface additve / interface additives / rheology additives / in-can preservation agents
Safety information	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. Ensure good ventilation during application and drying. 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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