Pache SARL - 64 Route de Gravin, 74300 Magland
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Technical data sheet

ADLER
Paint runs through our veins.

Aquawood Lärchenöl TQ 5120

Water-based **oil** for **wooden windows** for industrial and commercial use
System-matched in a **2-layer structure**

PRODUCT DESCRIPTION

General

Water-based oil composed of high-quality, natural and synthetic raw materials. Very good penetration capacity, extremely water-repellent effect.

Special properties and standards

- **declared product in baubook**
  Criteria of the "Baubook Ökologisch ausschreiben" fulfilled

- **French ordinance DEVL1104875A**
  Marking of construction coating products for their emission of volatile pollutants: A+

Application area

Dimensionally stable timber components in exterior and interior areas, such as wooden windows or front doors, if an oiled surface is specifically requested and agreed (structure does not comply with current standards and guidelines, such as ÖNORM B 3803, ÖNORM C 2350).

For humid areas (e.g. indoor pools) only with a special coating system.

For non-dimensionally stable timber components we recommend Pullex Holzöl (4410), Lignovit Terra (5341) or Pullex Aqua-Terra (5347) .

PROCESSING

Processing instructions

- Please stir the product before use. However, prevent entry of air while stirring.
- The temperature of the product and object, and the room temperature must be at least + 15 °C.
- The optimal conditions for use are between 15 - 25 °C with a relative atmospheric humidity between 40 - 80 %.
- If the viscosity increases as a result of evaporation, it must be compensated with water (set viscosity: 52 - 57 seconds in a 2 mm-measuring-cup) Before measuring the wood dust has to be screened.
- If foam forms in the flooding system, the addition of 0.1 - 0.3 % defoamer solution 90642 is recommended.
- 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.

- 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

	Flow coating	Immersion
Applied quantity per application (g/m²)	80 - 100	

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)

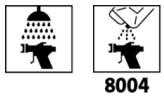
Dust dry (ISO 1517)	ca. 30 minutes
Tack-free	ca. 3 hour(s)
Recoatable	ca. 4 hour(s)
Stackable with PE fine foam spacers at room temperature	ca. 4 hour(s)
Stackable with PE fine foam spacers after forced drying 20 minutes evaporation/dripping zone 90 minutes drying phase (35 - 40 °C) 20 minutes cooling phase	ca. 130 minutes
Dried through	ca. 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.

Avoid direct sunlight!

Cleaning the working equipment



With water immediately after use.

To remove dried paint residues we recommend using Aqua-Cleaner (8004) (diluted 1:1 with water).

SUBSTRATE

Type of substrate

Softwoods 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.

Wood moisture

13 % ± 2 %

COATING SYSTEM

General

The following coating systems are exemplary.

Impregnation

1 x Aquawood Primo A1 (5451) or Aquawood Primo (5453)

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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.**

Intermediate coat

1 x Aquawood Lärchenöl TQ (5120)

Intermediate sanding

Grit size 220 – 240

Remove sanding dust.

Finishing coat

1 x Aquawood Lärchenöl TQ (5120)

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 .

For care purposes indoors, it is occasionally necessary to clean with warm water and sponge wipes. For cleaning, a mild neutral detergent can be added to the washing water.

For outdoor use, depending on the intensity of the weathering at the place of installation, it is necessary to provide subsequent preservation 1 - 2 times a year using Pullex Holzöl (4410).

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

25 kg

Colour shades / Glosslevels

Standard colour(s):
Farblos (5120000200)

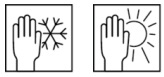
Supplementary products

Aqua-Cleaner (8004)
Aquawood Primo A1 (5451)
Aquawood Primo (5453)
Entschäumer-Lösung für Aquawood TIG (90642)
Top-Care (7227)
Top-Cleaner (7208)
Windoor Care-Set (7229)

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

FURTHER DETAILS

Durability / storage



Min. 6 month(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.

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Technical specifications	VOC content of the ready-to-use mixture: EU limit for Aquawood Lärchenöl TQ (Cat A/e): 130 g/l. Aquawood Lärchenöl TQ contains maximum 100 g/l VOC.
Giscode	BSW50
DGNB (German Sustainable Building Council)	Quality level 4 (with factory coating)
Safety information	The product is only suitable for the industrial and professional use. When sanding, use at least a P2 dust filter as personal safety equipment to protect against abrasive and wood dust. 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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