

Aquawood Lärchenöl TQ

53179

Water-based **oil** for wooden windows for **industrial and professional use**

It has been matched as a system with a **2-coat structure**

PRODUCT DESCRIPTION

General

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

Special properties and standards



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

Application areas



- For dimensionally stable timber components for exterior and interior use, such as e.g. windows and front doors, if an oiled surface is decidedly desired (coating system does not meet the standard norms and guidelines, such as ÖNORM B 3803, ÖNORM C 2350).
- Particularly suitable for softwoods.

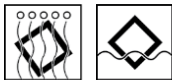
PROCESSING

Instructions for use



- Please stir the product before use.
- 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: 55 - 65 s in a 2 mm cup). Before measuring the wood dust has to be screened.
- On foam generation in the flow-coating machine we recommend an addition of 0.1 – 0.3 % Entschäumerlösung 90642.
- 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



| Application method | Flow coating | Immersion |
|---------------------------------------------------------|--------------|-----------|
| Yield per application (m ² /l) ¹⁾ | | 11 |
| Yield per application (g/rm) | | 50 |

The product is ready to use.

The shape, the properties and moisture of the substrate affect the consumption/yield. 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) | after approx. 30 minutes |
| Tack-free | after approx. 3 hours |
| Recoatable | after approx. 4 hours |
| Stackable with PE fine foam spacers at room temperature: | after approx. 4 hours |
| Stackable with PE fine foam spacers after forced drying: 20 min flash-off zone 90 min drying stage (35– 40 °C) 20 min cooling stage | after approx. 130 minutes |
| Dried through | after approx. 12 hours |

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 (very quick drying).

Cleaning the working equipment



With water immediately after use.

To remove dried paint residues we recommend using ADLER Aqua-Cleaner 80080 (diluted 1:1 with water).

SUBSTRATE

Type of substrate

Softwoods in accordance with the guidelines for window construction, Pine and Larch.

Substrate property (or condition)

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

Dimensionally stable construction elements: 13 % +/- 2 %

COATING SYSTEM

Impregnation

1 x Aquawood Primo A1, A3 – A6 5451000030 ff
Intermediate drying: approx. 4 hours

or

1 x Aquawood Lärchenöl TQ 53179

Use wood preservatives safely. Always read the label and observe the relative technical data sheets of the products before use.

Intermediate sanding



Grit size 220 - 240

Remove sanding dust.

Finishing coat

1 x Aquawood Lärchenöl TQ 53179

MAINTENANCE AND RENOVATION

Maintenance and renovation

The durability depends on several factors: these include particularly the type of weathering, constructional protection, mechanical stress and the choice of colour applied. To obtain long durability, preservation work is necessary in time. Therefore, we recommend annual maintenance.

Indoors, occasional cleaning with warm water and sponge cloths is necessary for maintenance. For cleaning purposes a mild neutral detergent can be added to the wiping 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 50520.

Please observe the relative technical data sheets of the products.

Please follow our **ARL 304 - Working guideline for coating dimensionally stable and limited dimensionally stable construction elements - Maintenance and renovation.**

ORDERING INFORMATION

Size of trading unit

25 kg

Colour shades / degrees of gloss

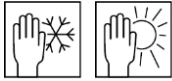
Farblos

Supplementary products

Aquawood Primo A1, A3 – A6 5451000030 ff
Pullex Holzöl 50520
ADLER Entschäumerlösung 90642
ADLER Aqua-Cleaner 80080

OTHER INSTRUCTIONS

Durability / storage



At least 6 months in the original sealed containers.

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

Technical specifications

Delivery viscosity 12 sec. according to DIN 53211 (4 mm cup, 20 °C) or approx. 55 - 65 s according to DIN 53211 (2 mm cup)

VOC content EU threshold for Aquawood Lärchenöl TQ (cat. A/e): 130 g/l (2010). Aquawood Lärchenöl TQ contains maximum 60 gm./l VOC (Volatile Organic Compounds).

Safety-related information



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**.

The product is only suitable for industrial and professional use.
