

Aquawood Soft-Finish

5118

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

PRODUCT DESCRIPTION

General

Water-based oil with a pleasantly waxy feel and natural appearance for interior and exterior use.

The product is characterised by very low fibre raising, high transparency, very good penetration, a strong water-repellent effect, excellent pore wetting and very good mechanical resistance. It also impresses with its ease of application and outstanding run-off behaviour.

Special properties and standards



- **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 rooms (e.g. indoor swimming pools) only with a special build-up.

For non-dimensionally stable timber components we recommend Pullex Holzöl (4410), Lignovit Terra-Lasur (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: 44 – 52 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.
- 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.

- 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 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.
- 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 500 - Working guideline for coating non-dimensionally stable and limited dimensionally stable construction elements – General part.**

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)



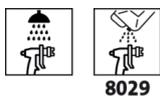
Dust-dry (ISO 1517)	30 minutes
Tack-free	3 hour(s)
Fully dried	12 hour(s)

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 (8029) (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/Primer coat	<p>If necessary, impregnate once with Aquawood Primo A1 (5451) or Aquawood Primo (5453) to protect against blue stain and fungal attack or for colouration.</p> <p>Intermediate drying time: approx. 4 hours</p> <p>Use wood preservatives safely. Always read the label and observe the respective technical data sheets of the products before use.</p> <p>Please follow our ARL 056 - Working guideline for the use of wood preservatives.</p> <p>Alternative to colouration without chemical wood protection:</p> <p>1 x Aquawood Primo TG WF (5462)</p> <p>Intermediate drying time: approx. 4 hours</p>
Primer coat	1 x Aquawood Soft-Finish (5118)
Intermediate sanding	<p>Grit size 220 – 240</p> <p>Remove sanding dust.</p>
	
Finishing coat	1 x Aquawood Soft-Finish (5118)

MAINTENANCE

Care	<p>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.</p> <p>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.</p> <p>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).</p>
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	5 kg, 20 kg, 120 kg
Colour shades / Glosslevels	<p>Standard colour(s): Farblos (5118000200)</p> <p>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.</p> <p>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.</p> <p>To ensure colour-shade uniformity, use only material with the same batch number on a given surface.</p>

Supplementary products

Aqua-Cleaner 8029 (8029)
 Aquawood Primo A1 (5451)
 Aquawood Primo (5453)
 Aquawood Interprimer (5434)
 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. 1 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 Aquawood Soft-Finish (Cat A/e): 130 g/l.
 Aquawood Soft-Finish contains a maximum of 40 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.