

## Aquawood Lärchenöl SQ

53173 ff

Water-based **oil** for wood-aluminium windows and wood-aluminium doors for **industrial and professional use**

It has been matched as a system with a **3-coat structure** with Aquawood TIG and Aquawood Intermedio

### PRODUCT DESCRIPTION

#### General

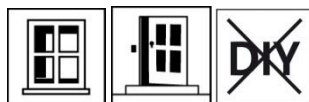
Water-based oil based on high quality natural and synthetic raw materials. Very good penetration capacity, water-repellent effect. Fast drying, free of biocides. Emphasises the character of the wood by means of a matt, natural-looking surface.

#### Special properties and standards



- Meets the criteria of “**baubook**” (ecological invitation to tender)
- **French ordinance DEVL1104875A** regarding the marking of construction coating products for their emission of volatile pollutants: A+

#### Application areas



- For dimensionally stable wood-aluminium windows and wood-aluminium doors for exterior use, if an oiled surface is decidedly desired and agreed on (coating cycle 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. Prevent air from entering while stirring, however.
- The temperature of the product and object, and the room temperature must be at least + 15 °C.
- The optimal processing conditions are between 15 – 25°C with a relative humidity of 40 – 80%.
- Sealants must be compatible with the coat and may only be applied once the paint has dried through. Weather strips containing softening agents or plasticizers tend to adhere in combination with paints. Please only use those types that have been tested.
- Please follow our “**Working guideline for coating dimensionally stable and limited dimensionally stable construction elements**” along with standards and guidelines for window construction.

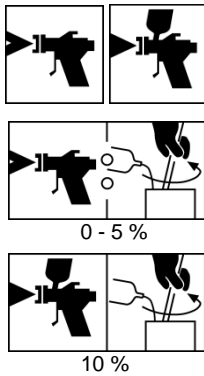
08-16 (supersedes 11-15) ZKL 5119

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Our instructions for use are based on knowledge available currently and shall guide the purchaser / user to the best of one's knowledge, but, however, must be clarified for the areas of application and processing conditions on a case-to-case basis. The purchaser / user decides about the acceptance and use of the delivered product at his / her own risk, which is why we recommend that a sample piece be prepared to check the acceptability of the product. Our general terms and conditions of sale are otherwise applicable. All previous data sheets are rendered invalid with the issue of this one. Rights reserved for modification of the container sizes, colour shades and degree of gloss.

**Application technique**



Application method	Airless	Airless air-supported (Airmix, Aircoat, etc.)	Cup gun
Spraying nozzle (ø mm)	0.28	0.28	1.8 – 2.0
Spraying nozzle (ø inch)	0.011	0.011	-
Spraying angle (degrees)	20 – 40	20 – 40	-
Spraying pressure (bar)	80 – 100	80 – 100	3 – 4
Atomising air (bar)	-	0.5 – 1.5	-
Spraying distance (cm)	approx. 25		
Thinner	water		
Thinner amount added in %	0 – 5	0 – 5	10
Application quantity (g/m <sup>2</sup> )	100 – 125		
Yield per application (g/m <sup>2</sup> ) <sup>1)</sup>	150 – 175		
Yield per application (g/m) <sup>1)</sup>	50 - 75		
Wet film (µm)	100 – 125		
Dry film (µm)	60 to max. 80		
<sup>1)</sup> Yield including addition of thinner and loss while spraying			

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 min.
Tack-free	after approx. 3 hours
Recoatible	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 phase (35 – 40°C) 20 min. cooling down phase	after approx. 130 min.
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.

Avoid direct sunshine (dries too quickly).

**Cleaning the working equipment**



With water immediately after use.

To remove dried paint residues we recommend using ADLER Aqua-Cleaner 80080 or ADLER Abbeizer Rote Krähe 95125.

**SUBSTRATE**

**Type of substrate**

Softwoods according to guidelines for window construction

**Substrate property (or condition)**

The substrate must be dry, clean, capable of holding the paint, free of separative substances such as grease, wax, silicone, resin etc. and free of wood dust, and must be checked to see whether it is suitable of being coated.

**Wood moisture**

Dimensionally stable components: 13 % +/- 2 %

**COATING SYSTEM**

**Primer**

1 x Aquawood TIG HighRes Farblos U 543200301  
Intermediate drying time: approx. 4 hours

Please observe the respective technical data sheets of the products.

**Intermediate coat**

1 x Aquawood Intermedio 53663  
Intermediate drying time: approx. 2 hours

or

1 x Aquawood Lärchenöl SQ 53173 ff  
Intermediate drying time: approx. 4 hours

Please observe the respective technical data sheets of the products.

**Intermediate sanding**



Grit size 220 – 240

Remove sanding dust.

**Topcoat**

1 x Aquawood Lärchenöl SQ 53173 ff

**CARE AND RENOVATION**

**Care and renovation**

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

Please follow our **“Working guideline for coating dimensionally stable and limited dimensionally stable construction elements - front doors and window shutters – garage doors, maintenance and renovation”**.

## ORDERING INFORMATION

<b>Size of trading unit</b>	5 kg, 25 kg
<b>Colour / degree of gloss</b>	Colourless 53180 Other colour shades can be obtained using the <b>ADLER colour blending system ADLERMix</b> : <b>Base paints:</b> Base W30 53173 <ul style="list-style-type: none"> <li>• The final colour shade is basically obtained from the inherent colour of the wood, the applied quantity, the colour shade of the impregnation and the colour shade of the finishing coat.</li> <li>• 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.</li> <li>• In order to ensure uniformity of the colour shade, use only material having the same batch number on a given surface.</li> <li>• In order to particularly emphasise the wood texture, the colour selected for Aquawood TIG should be darker than that of Aquawood Lärchenöl.</li> </ul>
<b>Supplementary products</b>	Aquawood TIG HighRes Farblos U 543200301 Aquawood Intermedio 53663 ADLER Aqua-Cleaner 80080 ADLER Abbeizer Rote Krähe 95125

## FURTHER DETAILS

<b>Durability / storage</b>	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). We recommend that you transfer the contents of open containers to smaller ones in order to prevent gelling / skin formation.
<b>Technical specifications</b>	VOC content EU limit value for Aquawood Lärchenöl SQ (cat. A/e): 130 g/l (2010). Aquawood Lärchenöl SQ contains a maximum of 70 g/l VOC.

<b>Safety information</b>	Please pay attention to the associated safety data sheet. The current version can be accessed on the Internet at <b>www.adler-lacke.com</b> . The product is only suitable for industrial and commercial processing. In general, inhaling paint aerosols must be avoided. This is ensured by correctly using a breathing mask (combination filter A2/P2 – EN 141/EN 143).
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