

Aquawood Intermedio SQ

5718

Water-based **intermediate coat** for **wooden windows and front doors for industrial and professional use**

It has been matched as a system with a **3-coat structure**

PRODUCT DESCRIPTION

General

Water-based intermediate coat. The product is block resistant and is characterised by high elasticity, good filling power for particularly full-bodied and smooth surfaces. Prevents grinding through of coloured immersion impregnations. Minimises surface defects on larch or, in general, on highly resinous softwoods.

The product is formulated without the addition of biocidal active agents to protect against blue stain and wood-destroying fungi.

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. wooden windows and front doors.
- Particularly for coarsely porous types of hardwood and resinous types of softwood.

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 %.
- The product is not weather-resistant without a topcoat!
- Too little quantity applied, too heavy intermediate sanding and/or increased thinning will reduce the insulation effect!
- When changing from Aquawood Intermedio SQ 5718 to other water-based paint systems, care must be taken to adequately clean the pipes and spray equipment, preferably with warm water.

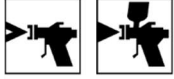
08-21 (supersedes 02-21) ZKL 5718

ADLER-Werk Lackfabrik, A-6130 Schwaz
Phone: 0043/5242/6922-190, Fax: 0043/5242/6922-309, email: technical-support@adler-lacke.com

Our instructions are based on current knowledge and are intended to advise the purchaser/user to the best of our knowledge, but are to be individually adapted to areas of application and processing conditions. The buyer/user is responsible for deciding on the suitability and use of the delivered product, which is why it is recommended to produce a sample to check the suitability 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 the modification of the container sizes, colour shades and degrees of gloss available.

- 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	Airless	Airless air-supported (Air-mix, Aircoat, etc.)	Cup gun
Spray nozzle (ø mm/inch)	0.28	0.28	1.8
Spray nozzle (ø inch)	0.011	0.011	
Spraying angle (degrees)	20 – 40	20 – 40	-
Spraying pressure (bar)	80 – 100	80 – 100	3 – 4
Atomized air (bar)	-	0.5 – 1.5	-
Spraying distance (cm)	approx. 25		
Wet film (µm)	125 – 150		
Yield per application (g/m ²) ¹⁾	250 – 300		
¹⁾ Yield including loss while spraying			

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. 1 hour
Recoatable	after approx. 2 hours
Recoatable after forced drying: 20 min flash-off zone 50 min drying stage (35– 40 °C) 20 min cooling stage	after approx. 90 minutes

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

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.

Wood moisture

13 % +/- 2 %

COATING SYSTEM

General

The following coating systems are exemplary.

Primer

1 x Aquawood Primo A3 5453 – A6 5456

Intermediate drying: approx. 4 hours

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

Intermediate coat

1 x Aquawood Intermedio SQ 5718

Intermediate drying: approx. 2 hours

Intermediate sanding



Grit size 220 – 240

Remove sanding dust.

Finishing coat

1 x Aquawood Finatop 40 5140

or

1 x Aquawood Finapro 20 5101

Please observe the relative technical data sheets of the products.

For front doors:

An additional application of Aquawood Protect 5128 is necessary (colourless two-component varnish).

Please observe the relative technical data sheets of the products.

ORDERING INFORMATION

Size of trading unit

4 kg; 25 kg; 120 kg poly drum

Colour shades / degrees of gloss

Colourless

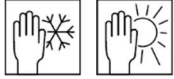
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- It is recommended to prepare a trial colour sample on the original substrate using the coating system selected in order to assess the final colour shade.

Supplementary products

Aquawood Primo A3 5453 – A6 5456
Aquawood Finatop 40 5140
Aquawood Finapro 20 5101
Aquawood Protect 5128
Aqua-Cleaner 80080

OTHER INSTRUCTIONS

Durability/storage

At least 1 year in the original sealed containers.

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

Technical specifications

VOC content

EU threshold for Aquawood Intermedio SQ (cat. A/d): 130 g/l (2010). Aquawood Intermedio SQ contains maximum 50 g/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.

Inhaling paint aerosols whilst spraying must generally be avoided. This is ensured by correctly using a breathing mask (combination filter A2/P2).
