

Aquawood Intermedio ISO 53613 ff

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

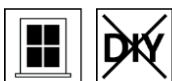
Water-based intermediate coat. The product is block resistant and is characterised by high elasticity, very good grindability and good filling power for particularly full-bodied and smooth surfaces. Prevents grinding through of coloured immersion impregnations. Minimises surface defects on larch or, 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.
- For humid areas (e.g. indoor pools) only with a special coating system.

PROCESSING

Instructions for use



- 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 %.
- The product is not weather-resistant without a topcoat!
- When changing from Aquawood Intermedio ISO 53613 ff to other water-based paint systems, care must be taken to adequately clean the pipes and spray equipment, preferably with warm water.

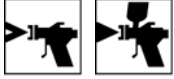
08-20 (supersedes 11-17) ZKL 5705

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Our instructions for use are based on knowledge available currently and shall guide the buyer/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 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 (Airmix, Aircoat, etc.)	Cup gun
Spray nozzle (ø mminch)	0.28	0.28	1.8
Spray nozzle (ø inch)	0.011	0.011	
Spraying angel (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)	100 – 125		
Yield per application (g/m ²) ¹⁾	200 – 250		
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



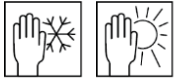
With water immediately after use.

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.
Impregnation	1 x Aquawood Primo A3 - A6 5453000310 ff 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 ISO 53613 ff Intermediate drying: approx. 2 hours
Intermediate sanding	Grit size 220 - 240 Remove sanding dust.
	
Topcoat	1 x Aquawood DSL Q10 M 51751 ff or 1 x Aquawood Finatop 40 5140000030 ff Please observe the relative technical data sheets of the products.
ORDERING INFORMATION	
Size of trading unit	5 kg; 25 kg; 120 kg poly drum
Colour shades / degrees of gloss	Hanf/Canapa 53613 Farblos 53730 • 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 - A6 5453000310 ff Aquawood DSL Q10 M 51751 fff Aquawood Finatop 51400000030 ff ADLER 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 ISO (cat. A/e): 130 g/l (2010). Aquawood Intermedio ISO contains a maximum of 80 g/l VOC.

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).