

Aquawood Intermedio DQ

5706

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, colourless intermediate coat. The product is block-resistant and is characterised by very good weather resistance and transparency. Improves the weather-resistance of the coating structure due to an excellent moisture proof. Prevents grinding through of coloured immersion impregnations.

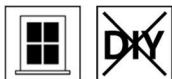
The product is formulated without the addition of biocidal active agents to protect against blue stain and wood-destroying fungi.

Special properties and standards



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

Application area



- For dimensionally stable and limited dimensionally stable timber components for exterior and interior use, such as e.g. wooden windows, front doors, window shutters, gates, winter garden.
- Particularly suitable for low resin 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!
- In case of flow coating for a long time, the pH-value reduces and, as a result, there could be sagging problems. Hence, the pH value of the product already used must be checked and, if necessary, corrected to the target value of pH 8.00 - 8.40 by adding 0.05 - 0.10 % Neutralisationsmittel 96149 (0.10 % addition increases the pH value by approx. 0.7 units).

09-22 (supersedes 06-21) ZKL 5706

ADLER-Werk Lackfabrik, A-6130 Schwaz

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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.

- If the viscosity increases as a result of evaporation, it must be compensated with water (set viscosity: undiluted 52 - 57 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⁾	12	
Yield per application (g/m ²)	approx. 80	

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)



Recoatable	after approx. 2 hours
Recoatable after forced drying: 20 min dripping 50 minutes drying stage (max. 35 - 40 °C) 20 minutes 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!

Cleaning the working equipment



With water immediately after use.

To remove dried paint residues we recommend using Aqua-Cleaner 8004 (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

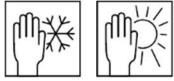
General	The following coating systems are exemplary.
Impregnation	<p>Transparent: 1 x Aquawood Primo A3 5453 – A6 5456 Intermediate drying time: approx. 4 hours</p> <p>Opaque: 1 x Aquawood Primo A2 5452 Intermediate drying time: approx. 4 hours</p> <p>Use wood preservatives safely. Always read the label and observe the relative technical data sheets of the products before use. Please observe the relative technical data sheets of the products.</p>
Intermediate coat	<p>1 x Aquawood Intermedio DQ 5706 Intermediate drying: at least 2 hours</p> <p>Hardwood and larch: additional application of Aquawood Intermedio ISO 5705 required. Please observe the relative technical data sheets of the products.</p>
Intermediate sanding	<p>Grit size 220 – 240 Remove sanding dust.</p>
	
Topcoat	<p>Transparent: 1x Aquawood Finatop 40 5140 or 1x Aquawood Finapro 20 5101</p> <p>Opaque: 1x Aquawood Covatop XT 20 5020 or 1x Aquawood Covapro 20 5023</p> <p>Please observe the relative technical data sheets of the products.</p>

ORDERING INFORMATION

Size of trading unit	25 kg, 120-kg-poly drum	
Colour shades / degrees of gloss	Colourless	5706000200
	<ul style="list-style-type: none"> 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	<p>Aquawood Primo A3 5453 – A6 5456 Aquawood Primo A2 5452 Aquawood Covatop XT 20 5020 Aquawood Covapro 20 5023 Aquawood Finapro 20 5101 Aquawood Finatop 40 5140 Neutralisationsmittel 96149 Entschäumer-Lösung 90642 Aqua-Cleaner 8004</p>
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FURTHER DETAILS

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 DQ (cat. A/e): 130 g/l (2010). Aquawood Intermedio DQ 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**.

While grinding use at least dust filter P2 / P3 as personal protective equipment to protect against sanding and wood dust.

The product is only suitable for industrial and professional use.
