

## Aquawood Intermedio FlowQ

5721000200

Water-based colourless **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

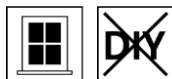
Water-based, colourless intermediate coat for all-round sealing with optimum moisture protection. Very good weathering resistance and transparency in the matched coating system. The product is characterised by short drying times, very good sagging behavior and high blocking resistance. Prevents grinding through of coloured immersion impregnations and leads to a good pore wetting of hardwood as well as to a high filling power.

#### Special properties and standards



- Does not contain any active substances of chemical wood- and film preservatives.
- **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 suitable for low resin softwood.

### PROCESSING

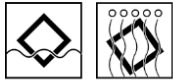
#### Instructions for use



- 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!
- 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 impregnations that have already been used must be checked and, if required, corrected to the target pH-value of 8.9 – 9.20 by adding 0.05 – 0.10 % of the neutralisation agent 96149 (the addition of 0.10 % will increase the pH-value up to approx. 0.7 units).

- If the viscosity increases as a result of evaporation, it must be compensated with water (set viscosity: undiluted 60 - 70 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 "**Working guideline for coating dimensionally stable and limited dimensionally stable construction elements**" along with all standards and guidelines for window construction.

**Application technique**



Application method	Flow coating	Immersion
Yield per application (m <sup>2</sup> /l)	11	
Yield per application (g/m <sup>2</sup> )	80 - 100	

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 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.

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 %

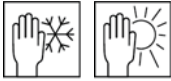
## COATING SYSTEM

<b>General</b>	The following coating systems are exemplary.	
<b>Impregnation</b>	<p><b>Transparent:</b> 1 x Aquawood TIG HighRes 57628 ff Intermediate drying: approx. 4 hours</p> <p><b>Covering:</b> 1 x Aquawood TIG HighRes Weiß 543700101 Intermediate drying: 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.</p>	
<b>Intermediate coat</b>	<p>1 x Aquawood Intermedio FlowQ 5721000200 Intermediate drying: at least 2 hours</p> <p>For larch and hardwoods an additional application of Aquawood Intermedio ISO is recommended.</p> <p>Please observe the relative technical data sheets of the products.</p>	
<b>Intermediate sanding</b>	Grit size 220 - 240	
	Remove sanding dust.	
<b>Finishing coat</b>	<p><b>Transparent:</b> 1 x Aquawood DSL Q10 M 51751 ff Wet film thickness 225 – 275 µm</p> <p><b>Covering:</b> 1 x Aquawood Spritzlack XT 5020000010 ff Wet-film thickness 150 – 300 µm</p> <p>Please observe the relative technical data sheets of the products.</p>	
<b>ORDERING INFORMATION</b>		
<b>Size of trading unit</b>	25 kg, 120-kg-poly drum	
<b>Colour shades / degrees of gloss</b>	<p>Farblos/colourless</p> <p>5721000200</p> <ul style="list-style-type: none"> <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> </ul>	
<b>Supplementary products</b>	<p>Aquawood TIG HighRes 57628 ff Aquawood TIG HighRes Weiß 543700101 Aquawood Spritzlack XT 5020000010 ff Aquawood DSL Q10 M 51751 ff ADLER Aqua-Cleaner 80080 ADLER Neutralisationsmittel 96149 ADLER Entschäumerlösung 90642</p>	

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**FURTHER DETAILS**


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**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).

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**Technical specifications**

Delivery viscosity 14 sec. in accordance with DIN 53211 (4-mm-cup, 20 °C) or approx. 60 - 70 s in accordance with DIN 53211 (2-mm-cup)

VOC content EU threshold for Aquawood Intermedio FlowQ (cat. A/e): 130 g/l (2010). Aquawood Intermedio FlowQ contains maximum 30 gm./l VOC (Volatile Organic Compounds).

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**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](http://www.adler-lacke.com)**.

The product is only suitable for industrial and professional use.

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