

## Aquawood Intermedio DQ

5706

Water-based intermediate coat for wooden windows and exterior doors, for use in industry and trade

Optimised for a 3-layer coating system

### PRODUCT DESCRIPTION

#### General

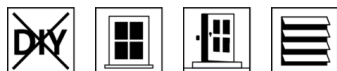
Water-based, colourless intermediate coat. The product is block-resistant and also offers very good weathering resistance and transparency. Improves the weathering resistance of the coating system with optimal protection against moisture. Prevents coloured dip impregnation products from being removed by sanding.

#### Special properties and standards



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

#### Application area

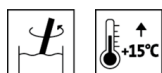


For dimensionally stable and limited dimensionally stable timber components for exterior and interior use, such as e.g. wooden windows, front doors, window shutters, gates, winter garden.

Particularly suitable for low resin softwood.

### PROCESSING

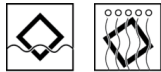
#### Processing instructions



- 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 – 8.4 by adding approx. 0.10 % of Neutralisationsmittel 9125 (96149) (the addition of 0.10 % will increase the pH-value up to approx. 0.6 units).
- If the viscosity increases as a result of evaporation, it must be compensated with water (set viscosity: 53 second – 56 second in a 2 mm-measuring-cup) Before measuring the wood dust has to be screened.

- If foam forms in the flooding system, the addition of 0.1 - 0.3 % defoamer solution 90642 is recommended.
- Any change in the processing sequence, environmental conditions, non-observance of instructions or the use of products not listed may have an unfavourable effect on the result.
- 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



	Flow coating	Immersion
Applied quantity per application (g/m <sup>2</sup> )	80	

The product is ready to use.

The shape and surface condition of the workpiece as well as the type of application influence the actual consumption. Accurate values for consumption must be obtained by applying trial coats in advance.

### Drying times

(at 23 °C and 50 % rel. humidity)



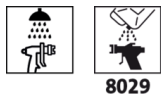
Re-coatable at room temperature	approx. 2 h
Re-coatable after forced drying 20 minutes draining 50 minutes drying stage (35 - 40 °C) 20 minutes cooling stage	approx. 90 minutes

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



8029

With water immediately after use.

To remove dried paint residues we recommend using Aqua-Cleaner (8029) (diluted 1:1 with water).

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## 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

#### Transparent:

1 x Aquawood Primo (5453)

Intermediate drying time: approx. 4 hours

#### Opaque:

1 x Aquawood Primo A2 (5452)

Intermediate drying time: approx. 4 hours

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

Please follow our **ARL 056 - Working guideline for the use of wood preservatives.**

#### Intermediate coat

1 x Aquawood Intermedio DQ (5706)

Intermediate drying time: approx. 2 hour(s)

For larch and hardwoods an additional application of Aquawood Intermedio ISO (5705) is recommended.

#### Intermediate sanding



Grit size 220 – 280

Remove sanding dust.

#### Finishing coat

##### Transparent:

1 x Aquawood Finatop 40 (5140)

or

1 x Aquawood Finapro 20 (5101)

Wet film thickness: 225 – 300 µm

##### Opaque:

1 x Aquawood Covatop XT 20 (5020)

or

1 x Aquawood Covapro 20 (5023)

Wet film thickness: 275 – 325 µm

#### For front doors

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

### ORDERING INFORMATION

#### Size of trading unit

25 kg, 120 kg poly drum

#### Colour shades / Glosslevels

##### Standard colour(s):

Farblos (5706000200)

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

Aqua-Cleaner 8029 (8029)

Aquawood Covapro 20 (5023)

Aquawood Covatop XT 20 (5020)

Aquawood Finapro 20 (5101)

Aquawood Finatop 40 (5140)

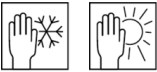

Aquawood Primo A2 (5452)

Aquawood Primo (5453)

Entschäumer-Lösung für Aquawood TIG (90642)

Neutralisationsmittel 9125 (96149)

Please refer to the corresponding technical data sheets of the products.

FURTHER DETAILS	
<b>Durability / storage</b> 	<p>Min. 1 year(s) in the original sealed containers.</p> <p>Make sure the product is protected against moisture, direct sunlight, frost and high temperatures (above 30 °C).</p> <p>Close opened containers well and use up the content as soon as possible.</p>
<b>Technical specifications</b>	<p>VOC content of the ready-to-use mixture: Limit value according to Directive 2004/42/EC for Aquawood Intermedio DQ (Cat A/e): 130 g/l.</p> <p>Aquawood Intermedio DQ contains a maximum of 60 g/l VOC.</p>
<b>Giscode</b>	BSW50
<b>DGNB (German Sustainable Building Council)</b>	Quality level 4 (with factory coating)
<b>Safety information</b> 	<p>The product is only suitable for the industrial and professional use.</p> <p>When sanding, use at least a P2 dust filter as personal safety equipment to protect against abrasive and wood dust. In case of hardwood (especially for Beech, Oak) a dust filter P3 is recommended.</p> <p>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 <a href="http://www.adler-lacke.com">www.adler-lacke.com</a>.</p>