

Aquawood Intermedio FlowQ

5721

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 for all-round sealing with optimal protection against moisture. Stand-out features of this product include very good weathering resistance and transparency, short drying times, very good sag resistance and very good block resistance.

Prevents coloured dip impregnation products from being removed by sanding and results in good pore wetting in hardwoods and very good filling performance.

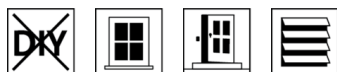
Special properties and standards



- **French ordinance DEVL1104875A**

Marking of construction coating products for their emission of volatile pollutants: A+

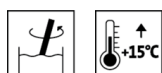
Application area



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.

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 8.9 – 9.3 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: 52 second – 65 second in a 2 mm-measuring-cup) Before measuring the wood dust has to be screened.

1-1 IMC 5721 | 06/25 | replaces 1-0

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Our instructions are based on the current state of knowledge and are intended to advise the buyer/user to the best of our knowledge, but must be individually adapted to the areas of application and processing conditions. The buyer/user is responsible for deciding on the suitability and use of the supplied product, which is why we recommend that a sample be produced to check the suitability of the product. In all other respects, our General Terms and Conditions of Sale apply. All previous data sheets lose their validity with this edition. We reserve the right to make changes to container sizes, color shades and available gloss levels.

- 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 ²)	80 - 100	

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)



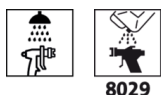
Re-coatable at room temperature	approx. 2 h
Re-coatable after forced drying 20 minutes draining 50 minutes drying stage (35 - 40 °C) 20 minutes cooling stage	approx. 90 minutes

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



With water immediately after use.

To remove dried paint residues we recommend using Aqua-Cleaner (8029) (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

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 FlowQ (5721)

Intermediate drying time: approx. 4 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)

Opaque:

1 x Aquawood Covatop XT 20 (5020)

or

1 x Aquawood Covapro 20 (5023)

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 (5721000200)

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 Primo A2 (5452)

Aquawood Primo (5453)

Aquawood Finapro 20 (5101)

Aquawood Finatop 40 (5140)

Entschäumer-Lösung für Aquawood TIG (90642)

Neutralisationsmittel 9125 (96149)

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

FURTHER DETAILS


Durability / storage



Min. 1 year(s) in the original sealed containers.

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

Close opened containers well and use up the content as soon as possible.

Technical specifications	VOC content of the ready-to-use mixture: Limit value according to Directive 2004/42/EC for Aquawood Intermedio FlowQ (Cat A/e): 130 g/l. Aquawood Intermedio FlowQ contains a maximum of 20 g/l VOC.
Giscode	BSW20
DGNB (German Sustainable Building Council)	Quality level 4 (with factory coating)
Safety information 	<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>The inhalation of paint aerosols during spray application must generally be avoided. This is ensured by the proper use of a respirator (combination filter A2/P2).</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 www.adler-lacke.com.</p>