

Aquawood Primo A5

5455000317 ff

Water-based pigmented **wood preservative impregnation** 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, pigmented ready-to-use wood preservative impregnation with biocidal active substances with particularly good coverage of softwood edges. The product is characterised by very good sagging behaviour on hardwood and softwood. Contains effective light stabilizers to absorb UV radiation and to stabilize the lignin component of the wood.

Special properties and standards

- Approval as a wood preservative (PT8) according to the Biocidal Products Directive of the EU.
- The active substances used provide the protection against blue stain (test according to DIN EN 152) and wood-destroying fungi (test according to EN 113) required by ÖNORM B 3803 and DIN 68800-3. Application quantity for testing in conformity with the standards 120-200 g/m².



Active substances (B, P, W)

8.0 g/kg (0,80 %) IPBC (Iodpropinylbutylcarbamat)

4,0 g/kg (0,40 %) Tebuconazol

- Certificate of appreciation (05/93) ARGE Holzschutzmittel (wood preservatives consortium), Association of the Austrian chemical industry.
- **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 wooden windows, front doors, window shutters, gates, winter gardens, in usage classes 2 and 3 without soil contact.

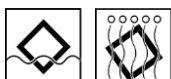
PROCESSING

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 treated surfaces must be coated with a suitable topcoat to prevent the active substances from being washed out. This surface coating must be maintained continuously.
- 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 9.0– 9.45 by adding 0.10 – 0.20 % of the neutralisation agent 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: 47 – 52 s (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 0.2 – 0.3 % Entschäumerlösung 90642 oder AD-LER Entschäumerlösung 90643.
- 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, **ARL 056 - Working guideline for the use of wood preservatives** and our **ARL 340 - Wood protection of dimensionally stable and limited dimensionally stable construction elements according to DIN 68800/1-3**.

Application technique



Application method	Immersion	Flow coating
Yield per application (g/m ²)	100 – 120	

Attention: Do not spray the product!

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. 4 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.

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.

A prerequisite for ensuring long durability of the coating is to observe the basic principles of constructional wood preservation.

Wood moisture

13 % +/- 2 %

Wood sanding:

Hardwoods: grit size 150 – 180

Softwoods: grit size 100 – 150

COATING SYSTEM**General**

The following coating systems are exemplary.

Impregnation

1 x Aquawood Primo A5 5455000317 ff

Intermediate coat

1 x Aquawood Intermedio 53663

or

1 x Aquawood Intermedio ISO 53613 ff

Intermediate drying: approx. 2 hours

Please observe the relative technical data sheets of the products.

Intermediate sanding

Grit size 220 - 240

Remove sanding dust.

Finishing coat

1 x Aquawood DSL Q10 M 51751 ff

or

1x Aquawood DSL HighRes 59127 ff

Please observe the relative technical data sheets of the products.

For front doors:

An additional application of Aquawood Protect 53215 is necessary (colourless two-component varnish).

Please observe the relative technical data sheets of the products.

ORDERING INFORMATION**Size of trading unit**

4 l, 22 l, 120 l poly-drum

Colour shades / degrees of gloss

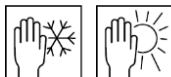
Afzelia 5455000317

Kastanie 5455000322

Eiche Mittel 5455000323

Supplementary products

Aquawood Intermedio 53663
 Aquawood Intermedio ISO 53613 ff
 Aquawood DSL Q10 M 51751 ff
 Aquawood DSL HighRes 59127 ff
 Aquawood Protect 53215
 ADLER Aqua-Cleaner 80080
 ADLER Neutralisationsmittel 96149
 ADLER Entschäumerlösung 90642
 ADLER Entschäumerlösung 90643

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

Delivery viscosity	approx. 47 - 52 s in accordance with DIN 53211 (2-mm-cup, 20 °C)
VOC content	EU threshold for Aquawood Primo A5 (cat. A/f): 130 g/l (2010). Aquawood Primo A5 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 the industrial and professional use

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

Wood freshly treated with Aquawood Primo A5 must be stored on an impermeable, hard substrate after painting to prevent product residue from penetrating into the ground or waters. Any leaking product must be collected for reuse or disposal.

Aquawood Primo A5 contains active biocidal substances to protect against blue stain and wood-destroying fungi. The product should therefore only be used when protection of the wood is prescribed or in specific cases when it is necessary. Do not apply in rooms which are used to gain, produce, store or sell food and feed. Do not use for wood that is fitted in apiaries or saunas and for wood in permanent contact with the ground and/or waters. Danger for bats. Treated wood is not to be used within spitting distance to waters.