

Aquawood Intermedio

53663

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** using Aquawood TIG and Aquawood DSL

PRODUCT DESCRIPTION

General

Water-based, colourless intermediate coat. Very good weather resistance and transparency in combination with Aquawood DSL. Environmentally-friendly, block-resistant. Improves the weather-resistance of the coating structure due to an excellent moisture proof. Prevents grinding through of coloured immersion impregnations.

Special properties and standards



- The coating is protected against blue stain and mold by a biocidal active substance.

Active substance:

0,3 % (0,3 g/100 g) IPBC (3-Iodpropinylbutylcarbamate)

- 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

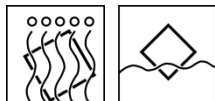
Instructions for use



- Please stir the product before use.
- 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. For this reason, the pH value of already used material must be controlled and, if necessary, corrected to the target value of pH 8.00 - 8.40 by adding 0.05 - 0.10 % neutralizing agent 96149 (0.10 % increase the pH value by approx. 0.7 units).
- If the viscosity increases as a result of evaporation, it must be compensated with water (set viscosity: 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 "**Working guideline for coating dimensionally stable and limited dimensionally stable construction elements**" along with all standards and guidelines for window construction.

Application technique



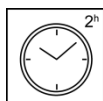
Application method	Flow coating	Immersion
Yield per application (m ² /l) ¹⁾	11	
Yield per application (g/rm)	50	

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 at room temperature:	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 or ADLER Abbeizer Rote Krähe 95125.

SUBSTRATE

Type of substrate

Wood in accordance with the guidelines for window construction.

Substrate property (or condition)

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

Dimensionally stable components: 13 % +/- 2 %

COATING SYSTEM

Primer coat

Transparent:

1 x Aquawood TIG HighRes 5432

Opaque:

1 x Aquawood TIG HighRes Weiß 543700101

Intermediate drying: approx. 4 hours

Please observe the relative technical data sheets of the products.

Intermediate coat

Aquawood Intermedio 53663

Intermediate drying: at least 2 hours

Intermediate sanding



Grit size 220 - 240

Remove the wood dust.

Topcoat

Transparent:

Aquawood DSL Q10 M 51751 ff

Wet-film thickness 250 – 275 µm

Opaque:

ADLER Acryl-Spritzlack Q10 M 4320

Wet-film thickness 250 - 300 µm

Please observe the relative technical data sheets of the products.

ORDERING INFORMATION

Size of trading unit

25 kg, 120-kg-poly drum

Color shades/degree of gloss

Farblos (Colourless)

Supplementary products

Aquawood TIG HighRes 5432 ff

Aquawood TIG HighRes Weiß 543700101

ADLER Acryl-Spritzlack Q10 M 4320

Aquawood DSL Q10 M 51751 ff

ADLER Neutralisationsmittel 96149

ADLER Entschäumerlösung 90642

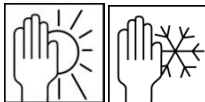
ADLER Aqua-Isoprimer PRO 41005

ADLER Varicolor 41201 ff

ADLER Samtalkyd 52351 ff

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. 12 sec. in accordance with DIN 53211 (4-mm-cup, 20 °C) or approx. 52 - 57 s in accordance with DIN 53211 (2-mm-cup)
VOC content	EU threshold for Aquawood Intermedio (cat. A/e): 130 g/l (2010). Aquawood Intermedio contains maximum 70 gm./l VOC (Volatile Organic Compounds).

Safety-related information



Please pay attention to the associated safety data sheet. The current version can be accessed on the Internet at **www.adler-lacke.com**.

The product is only suitable for industrial and professional use.
