

Aquawood Intermedio

53843

Water-based **intermediate coat** for **wooden windows** for **industrial use**

PRODUCT DESCRIPTION

General

Water-based, transparent intermediate coat. The product is characterized by an excellent filling power, good grindability, high block-resistance as well as high elasticity. Prevents grinding through of coloured immersion impregnations. Excellent weather resistance due to a very high water-repellence. Improves the weather-resistance of the coating structure due to an excellent moisture proof.

Special properties and standards



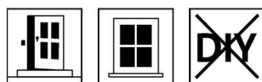
- The coating is protected against blue stain and mold by a biocidal active substance.

Active substance:

3,1 g / kg (0,31 %) IPBC (iodopropynylbutylcarbamate)

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

Application area



- For dimensionally stable timber components for exterior and interior use, such as e.g. wooden windows and front doors as well as roof windows (wood/aluminium).
- 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 + 10 °C.
- The optimal conditions for use are between 15 – 25 °C with a relative atmospheric humidity between 40 – 80 %.
- If the viscosity increases as a result of evaporation, it must be compensated with water (set viscosity: undiluted 45 - 47 s in a 2-mm-cup). Before measuring the wood dust has to be screened.
- 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



60% H₂O



60% H₂O

Application method	Flow coating	Immersion
Dilution (thinning)	water	
Addition of thinner in %	approx. 60%	
Yield per application (g/m ²) ¹⁾	approx. 50	
1) Yield including addition of thinner.		

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

Drying parameters for ROTO company:	
Dripping and flash-off zone	at least 5 minutes at room temperature and at least 50 % relative air humidity
Drying	approx. 85 minutes with zones between 25 °C and 40 °C

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.

Wood moisture

13 % +/- 2 %

COATING SYSTEM

General

The following coating systems are exemplary. See work instructions of Roto Frank Lubartów.

Impregnation

1 x Aquawood Primo TIM 5425

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

Intermediate coat

1 x Aquawood Intermedio 53843 diluted with approx. 60 % water

Intermediate sanding



Löwer automatic intermediate sanding machine with grit 150 up to 180 or manual smoothing grain 220 - 240

Remove sanding dust.

Finishing coat

Transparent:

Aquawood Fensterlasur 53844 or 53970

Opaque:

Aquawood Covapro 20, 9016 Industrie 5023050502

Please observe the relative technical data sheets of the products.

ORDERING INFORMATION

Size of trading unit

120 kg, 600 kg; a stirrer is recommended

Colour shades / degrees of gloss

Colourless

Supplementary products

Aqua-Cleaner 80080

Aquawood Primo TIM 5425

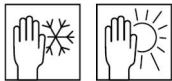
Aquawood Fensterlasur 53844

Aquawood Fensterlasur 53970

Aquawood Covapro 20, 9016 Industrie 5023050502

OTHER INSTRUCTIONS

Durability / storage



At least 1 years in the original sealed containers.

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

Technical specifications

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



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