

Aquawood Intermedio 53843

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

PRODUCT DESCRIPTION

General

Water-based, transparent intermediate coat ready for flow-coating and immersion. 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 substances (B, P)

0.44% (0.44 g / 100 g) IPBC (3-iodopropinyl butylcarbamate)

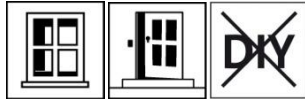
or

0.3% (0.30 g / 100 g) IPBC (iodopropinylbutylcarbamate – based on the product which is already ready to use and diluted)

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



Application areas



- For dimensionally stable and limited dimensionally stable timber components for exterior such as windows, front doors, window shutters, balconies, gates, winter garden, in usage class 2 and 3 without soil contact.

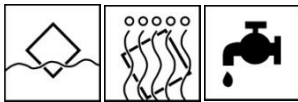
PROCESSING

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.
- Compensate evaporation losses by adding water.
- 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	Short-time immersion	Flow coating
Viscosity (s) 2-mm cup, 20° C	45 – 47	
Dilution (thinning)	water	
Addition of thinner in %	max. 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 or ADLER Abbeizer Rote Krähe (Red Crow) 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

1 x Aquawood TIM 51202

Please observe the relative technical data sheets of the products.

Intermediate coat

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

Drying parameters for ROTO company (see table):

Intermediate sanding



Intermediate sanding with a Löwer intermediate sanding machine grit size 150 up to 180
or
manual: slight smooth sanding grit size 220 - 240

Topcoat**Farblos (colourless)**

Aquawood Fensterlasur 53844 or 53970

Opaque:

ADLER Acryl-Fensterlack RAL 9016 43577

Please observe the relative technical data sheets of the products.

ORDERING INFORMATION**Size of trading unit**

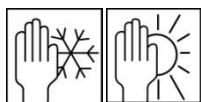
120 kg, 600 kg; a stirrer is recommended

Colour / degree of gloss

Farblos (Colourless)

Supplementary products

ADLER Aqua-Cleaner 80080
 ADLER Abbeizer Rote Krähe 95125
 Aquawood TIM 51202
 Aquawood Fensterlasur 53844
 Aquawood Fensterlasur 53970
 ADLER Acryl-Fensterlack RAL 9016 43577

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

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.