Aquawood Intermedio HF 53769

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. Excellent filling power, good grindability. Very good 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 fungus and mould fungus by a biocidal active substance.

  Active substance
  0,3 % (0,3 g/100 g) IPBC (3-Iodpropinylbutylcarbamat)

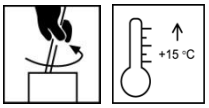
- **French ordinance DEVL1104875A** regarding the marking of construction coating products for their emission of volatile pollutants: A+

Application area

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

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 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 7.60 – 8.00 by adding 0.05 – 0.10 % of the neutralisation agent 96149 (the addition of 0.10 % will increase the pH-value up to approx. 0.7 units).

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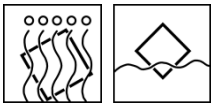
- In case of an increase of viscosity in consequence of evaporation it will be necessary to adjust with water (nominal viscosity: 62 - 72 s in 2 mm cup). Before measuring the wood dust has to be screened.
- On foam generation in the liquid agitation machine we recommend an addition of 0.1 – 0.3 % Entschäumerlösung 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	Immersion (or dipping)	Flow-coating
Yield per application (m^2/l)[1)]	10	
Yield per application (g/linear metre)[1)]	55	
[1)] Yield including addition of thinner		

The product is readymade for 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 90 min

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 (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

Stable structures: 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 HF 53769
Intermediate drying: at least 2 hours

Intermediate sanding

Grain 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

Colour / degree of gloss

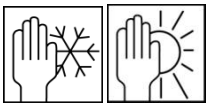
Farblos (Colourless)

Supplementary products

Aquawood TIG HighRes 5432
Aquawood TIG HighRes Weiß 543700101
ADLER Acryl-Spritzlack Q10 M 4320
Aquawood DSL Q10 M 51751 ff
ADLER Neutralisationsmittel 96149
ADLER Entschäumerlösung 90642

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. 14 sec. in accordance with DIN 53211 (4-mm-cup, 20 °C) or approx. 62 - 72 s in accordance with DIN 53211 (2-mm-cup)
VOC content	EU limit value for Aquawood Intermedio HF (Cat. A/e): 130 gm./l (2010). Aquawood Intermedio HF contains maximum 70 gm./l VOC (Volatile Organic Compounds).

Safety-relevant 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 commercial processing.