

Aquawood Intermedio HighRes ISO

59120 ff

Water-based transparent **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 HighRes and Aquawood DSL HighRes

PRODUCT DESCRIPTION

General

Water-based and transparent glaze for intermediate coating using the spraying method. The product is characterized by an excellent filling power, good grindability, high block-resistance as well as high elasticity. Good insulating effect from wood extractives. Prevents grinding through of coloured immersion impregnations and leads to a good pore wetting of hardwood as well as to a high filling power. Excellent weather resistance due to a very high water-repellence.

Special properties and standards



- The product contains special marking agents; as a result, correct application can be verified subsequently.
- **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.
- Particularly for coarsely porous types of hardwood and resinous types of softwood.

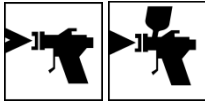
PROCESSING

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!
- 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	Airless	Airless air-supported (Airmix, Aircoat, etc.)	Cup gun
Spraying nozzle (ø mm)	0.28	0.28	1.8
Spraying nozzle (ø inch)	0.011	0.011	
Spraying angel (degrees)	20 – 40	20 – 40	-
Spraying pressure (bar)	100	80	3 – 4
Atomized air (bar)	-	0,5 – 1,5	-
Application quantity (g/m ²)	100 – 125		
Yield per application (g/m ²) ¹⁾	200 – 250		
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Dry film (µm)	30 – 40		

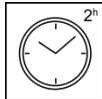
¹⁾ Yield including loss while spraying

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)



Dust-dry (ISO 1517)	after approx. 30 minutes
Tack-free	after approx. 1 hour
Recoatable	after approx. 2 hours
Recoatable after forced drying: 20 min flash-off zone 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	1 x Aquawood TIG HighRes 5432 ff Intermediate drying: approx. 4 hours Please observe the relative technical data sheets of the products.
Intermediate coat	1 x Aquawood Intermedio HighRes ISO 59120 ff Intermediate drying: approx. 2 hours
Intermediate sanding	Grit size 220 - 240 Remove sanding dust.



Topcoat	1x Aquawood DSL HighRes 59127 ff undiluted Wet-film thickness 225 - 275 µm Please observe the relative technical data sheets of the products.
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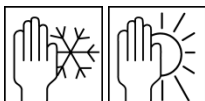
ORDERING INFORMATION

Size of trading unit	5 kg; 25 kg; 120 kg poly drum
Colour / degree of gloss	Hanf/Canapa 59120 Farblos 59126 <ul style="list-style-type: none"> • The final colour shade is basically obtained from the inherent colour of the wood, the applied quantity, the colour shade of the impregnation and the colour shade of the finishing coat applied. • It is recommended to prepare a trial colour sample on the original substrate using the coating system selected in order to assess the final colour shade. • In order to particularly emphasise the wood texture, the colour selected for Aquawood TIG HighRes should be darker than that of Aquawood DSL HighRes.

Supplementary products	Aquawood TIG HighRes 5432 ff Aquawood DSL HighRes 59127 ff ADLER Aqua-Cleaner 80080 ADLER Abbeizer Rote Krähe 95125
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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).
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Technical specifications

VOC content EU threshold for Aquawood Intermedio HighRes ISO (cat. A/e): 130 g/l (2010). Aquawood Intermedio HighRes ISO contains maximum 100 g/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.

Inhaling paint aerosols whilst spraying must generally be avoided; this is ensured by correctly using a respiratory mask (combination filter A2/P2 – EN 141/EN 143).
