

Aquawood Protor-Finish L

5130

Water-based, **glaze-finish, 2-component opaque system** for front doors for industrial and commercial use. Compatible in **combination** with **Aquawood Protor-Base L**.

PRODUCT DESCRIPTION

General

Water-thinnable, non-yellowing, glaze-finish 2-component coating system with excellent resistance to weathering and UV having high level of scratch resistance, block resistance and resistant to chemicals for the Aquawood Protor coating system for front doors.

Special Properties and standards



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

Areas of application



- High-quality front doors made of wood.

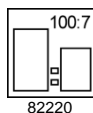
PROCESSING

Instructions for application



- Please stir the product before use.
- The temperature of the product and object, and the room temperature must be at least +15 °C.
- Optimal temperature while dip-coating or flow-coating is between 15 - 25°C with a relative atmospheric humidity between 40 - 80%.
- Please follow our "**Working guidelines for coating dimensionally stable and partially dimensionally stable components**" along with the standards and guidelines for window construction.

Blending ratio



100 parts by weight of Aquawood Protor-Finish L 5130
7 parts by weight of ADLER Aqua-PUR-Härter (Hardener) 82220

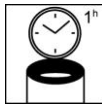
Aquawood Protor-Finish L can be used only with a hardener and in the blending ratio specified. Any deviations cause the film to be flawed.

ADLER Aqua-PUR-Härter (Hardener) must be incorporated carefully in the painting component by stirring.

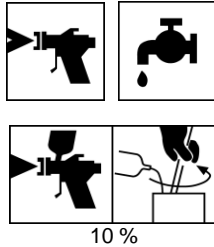
After adding the hardener, it is recommended that you wait for about 10 min. for improved de-aeration.

Pot Life

1 hour



Application technique



Application method	Airless	Airless pressurized (Airmix, Aircoat, etc.)	Compressed-air cup gun
Spray nozzle (ø mm)	0.28– 0.33	0.28 – 0.33	2.2
Spray nozzle (ø inch)	0.011 – 0.013	0.011 – 0.013	
Spraying pressure (bar)	80 – 100	80 – 100	3 - 4
Spraying air (bar)	-	1 – 2	-
Dilution (thinning)	Water		
Thinner amount added in %	-	-	10
Application quantity (µm)	for wood approx. 250		

The shape and properties of the substrate and wood moisture affect the consumption / yield. Accurate values for consumption must be obtained by applying trial coats in advance.

Drying times

(at room temperature 20 °C)



Dust-dry	after about 30 min.
Tack-free	after approx. 5 hours
Through dried	after approx. 12 hours

The figures indicated serve as a guide and are for reference. The drying time depends on the type of wood, coat thickness, temperature, air exchange and relative atmospheric humidity.

Avoid direct sunlight (very quick drying).

Cleaning the tools and equipment



Clean with water immediately after use.

Remove flashed-off coat residues using ADLER Aqua-Cleaner 80080 or ADLER Abbeizer Rote Krähe (Red Crow) 95125.

SUBSTRATE

Type of substrate

Hardwoods and softwoods

Substrate property (or condition)

The substrate must be dry, clean and capable of holding the paint and it must be free of grease and wax and free from wood dust.

Wood moisture

Dimensionally stable components: 13 % +/- 2 %

Preparation of the substrate

Wood sanding grain size 120 or 150; for an optimal adhesion, drying and uniform coloration carry out as promptly as possible before coating!

COATING SYSTEM

Impregnation

Softwood:

1 x Aquawood TIM 51202
intermediate drying 4 hours
Intermediate sanding grain size 180
1 x ADLER Protor-Primo 50770, different colours

or

1 x Aquawood TIG E 57701 ff, different colours

Hardwood:

1 x ADLER Protor-Primo 50770, different colours

or

1 x Aquawood TIG U 57601 ff, different colour

Please observe and follow the data sheets of the respective products.

Primer coat

Softwood:

1 x Aquawood Protor-Base L 43732

Hardwood:

2 x Aquawood Protor-Base L 43732

Please observe and follow the data sheets of the respective products.

Intermediate sanding

Sanding grain size 220 – 240



Topcoat

1 x Aquawood Protor-Finish L 5130

PRESERVATION & REFURBISHMENT

Preservation and Care

The storage stability depends on several factors. These include particularly the type of weathering, constructive protection, mechanical stress and the choice of colour shades applied. Preservation work must be carried out in time for a long period of storage stability. Annual maintenance is recommended for this purpose.

Cleaning with ADLER Top-Cleaner 51696 and preservation using ADLER Door-Finish 51700 in the ADLER Haustürenpflegeset package (front door preservative kit) 51709.

Touching up minor flaws with the original material.

Please observe and follow the data sheets of the respective products.

Refurbishing

Pullex Renovier-Grund 50236 ff and Pullex Fenster-Lasur 50413.

Please observe and follow the data sheets of the respective products.

NOTES ON ORDERING

Container sizes

2,2 kg; 8 kg

Colour shades / Degree of gloss

Standard colour shades:

Chestnut	51300001
Natural larch	51300002
F 008	51300003
Dark natural	51300004
Cognac	51300005



Other colour shades can be obtained using the **ADLER colour blending system ADLERMix** by mixing.

Base paints:

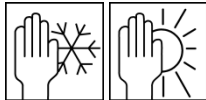
Aquawood Protor-Finish L W40	43734
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Supplementary products

ADLER Aqua-PUR-Härter (hardener) 82220
 ADLER Aqua-Cleaner 80080
 ADLER Abbeizer Rote Krähe 95125
 ADLER Protor-Primo 50770
 Aquawood TIM 51202
 Aquawood TIG E 57701 ff
 Aquawood TIG U 57601 ff
 Aquawood Protor Base L 43732
 ADLER Top-Cleaner 51696
 ADLER Door-Finish 51700
 ADLER Haustürenpflegeset 51709 (front door preservative kit)
 Pullex Renovier Grund (refurbishment primer) 50236 ff
 Pullex Fenster-Lasur 50413 ff

OTHER INSTRUCTIONS

Storage stability / Storage



At least 1 year in the original sealed containers.

Store it such that it is protected against moisture, direct sunlight, frost and high temperatures.

Technical Specifications

VOC content	EU limit value for Aquawood Protor-Finish L (Cat. A/d): 130 gm/l (2010). Aquawood Aquawood Protor-Finish L contains maximum 70 gm/l VOC (Volatile Organic Compounds).
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Safety-relevant information



Please follow the associated safety data sheet! The latest version can be retrieved from the Internet at **www.adler-lacke.com**.

In general, you must avoid inhaling paint aerosols. This is ensured by proper use of a breathing mask (combination filter A2/P2 – EN 141/EN 143).