

Aquawood Protor-Base L

43732 ff

Water-based, colorless **2-component primer / intermediate coating** for front doors for **industrial and commercial uses**

Compatible in **combination** with ADLER **Protor-Primo** respectively **Aquawood Protor-Finish L**

PRODUCT DESCRIPTION

General

Water-thinnabel, colorless 2-component primer / intermediate coating with excellent UV-resistance, wet adhesion and insulating effect particularly for the Aquawood Protor coating system for front doors.

Special Properties Testing 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.

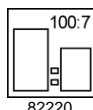
PROCESSING

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.
- The optimal conditions for processing or use are between 15 – 25 °C at relative atmospheric humidity from 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-Base L 43732 ff
7 parts by weight of ADLER Aqua-PUR-Härter (hardener) 82220

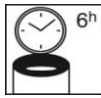
Aquawood Protor-Base L can be used only with a hardener and in the blending ratio specified. Any deviations cause the film to be flawed.

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

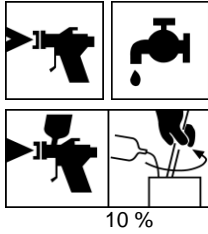
After adding the hardener, it is recommended that you wait for about 10 min. for improved de-aeration.

Pot life

6 hours



Application technique



Application method	Airless	Airless Air-supported (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)	Approx. 125 - 150		

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 them 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

Softwoods and hardwoods

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

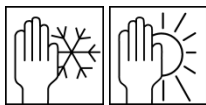
Wood sanding grain size 120 or 150; for an optimal adhesion, drying and uniform coloration carry out as promptly as possible before coating!

COATING SYSTEM	
Impregnation	<p>Softwood:</p> <p>1 x Aquawood TIM 51202; intermediate drying 4 hours, intermediate sanding grain size 180</p> <p>1 x ADLER Protor-Primo 50770 different colour shades or 1 x Aquawood TIG E coloured 57701 ff</p> <p>Hardwood:</p> <p>1 x ADLER Protor-Primo 50770 different colour shades or 1 x Aquawood TIG U coloured 57601 ff</p> <p>Please observe and follow the data sheets of the respective products.</p>
Primer coat	<p>Softwood (except larch):</p> <p>1 x Aquawood Protor-Base L 43732</p> <p>Larch and hardwood:</p> <p>2 x Aquawood Protor-Base L 43732</p> <p>Please observe and follow the data sheets of the respective products.</p>
Intermediate sanding	<p>Sanding grain size 220 – 240</p>
	
Topcoat	1 x Aquawood Protor-Finish L 5130 ff
PRESERVATION & REFURBISHMENT	
Preservation and Care	<p>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.</p> <p>Preservation work must be carried out in time for a long period of storage stability. Annual maintenance is recommended for this purpose.</p> <p>Cleaning with ADLER Top-Cleaner 51696 and preservation using ADLER Door-Finish 51700 in the ADLER Haustürenpflegeset package (front door preservative kit) 51709.</p> <p>Touching up minor flaws with the original material.</p> <p>Please observe and follow the data sheets of the respective products.</p>
Refurbishing	<p>Pullex Renovier-Grund 50236 ff and Pullex Fenster-Lasur 50413.</p> <p>Please observe and follow the data sheets of the respective products.</p>
NOTES ON ORDERING	
Container sizes	2,2 kg; 8 kg
Colour shades / Degree of gloss	<p>Standard colour shades:</p> <p>Farblos (colourless) 43732</p>

Supplementary products

ADLER Aqua-PUR-Härter 82220
ADLER Aqua-Cleaner 80080
ADLER Abbeizer Rote Krähe 95125
ADLER Protor-Primo 50770 div. Farbtöne
ADLER Door-Finish 51700
ADLER Haustürenpflegeset 51709
Aquawood TIM 51202
Aquawood TIG E 57701 ff
Aquawood TIG U 57601 ff
Aquawood Protor-Finish L 5130 ff
Pullex Renovier-Grund 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-Base L
(Cat. A/d): 130 g/l (2010). Aquawood Protor-
Base L contains maximum 60 g/l VOC.

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).
