

Aquawood Protor-Base L NG

5807

Water-based, colourless two-component primer/intermediate coating for front doors for industrial and professional use

It has been matched as a system in combination with **ADLER Protor-Primo** or **Aquawood Protor-Finish L NG**

PRODUCT DESCRIPTION

General

Water-based, colourless two-component primer/intermediate coating with very good UV resistance, very good wet adhesion and very good insulating effect especially for the Aquawood Protor front door coating system.

Special properties and standards



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

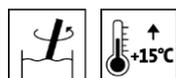
Application area



- High-quality wooden front doors.

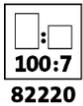
PROCESSING

Instructions for use



- Please stir the product before use.
- The temperature of the product and object, and the room temperature must be at least +15 °C.
- The optimal conditions for use are between 15 – 25 °C with a relative atmospheric humidity between 40 – 80 %.
- Please follow our **ARL 305 - Working guideline for coating dimensionally stable and limited dimensionally stable construction elements - Coating of front doors and garage doors with Aquawood Protor** along with all standards and guidelines for window construction.

Blending ratio



100 parts by weight of Aquawood Protor-Base L NG 5807
7 parts by weight of ADLER Aqua-PUR-Härter 82220

Aquawood Protor-Base L NG can only be used with a hardener and in the mixing ratio specified. Deviations lead to film and adhesion problems.

ADLER Aqua-PUR-Härter must be carefully worked into the paint components by stirring before processing.

After addition of hardener, a waiting time of approx. 10 min is recommended for improved degassing.

Pot Life

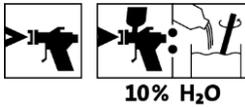


Approx. 2 hours

A further extension of the pot life is not possible.

Increased temperatures reduce the pot life.

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
Atomized air (bar)	-	1 – 2	-
Dilution (thinning)	water		
Thinner amount added in %	-	-	10
Application quantity (g/m ²)	approx. 125 – 150		
Yield per application (g/m ²) ¹⁾	approx. 200 – 240		
Application quantity (g/m ²)	approx. 125 – 150		
¹⁾ Yield including addition of thinner and loss while spraying			

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 room temperature 20 °C)



Dust-dry (ISO 1517)	after approx. 30 minutes
Tack-free	after approx. 5 hours
Dried through	after approx. 12 hours

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.

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 (diluted 1:1 with water).

SUBSTRATE

Type of substrate

Fine pored and coarsely porous hardwoods, softwood.

Substrate property (or condition)

The substrate must be dry, clean, capable of holding the paint, free from separative substances such as grease, wax, silicone, resin etc. and free from wood dust, and must be checked to see whether it is suitable of being coated.

Wood moisture

Dimensionally stable construction elements: 13 % +/- 2 %

Preparation of the substrate

Wood sanding grit size 120–150

COATING SYSTEM

Impregnation

Softwood:

1 x Aquawood Primo TIM 5425000200

Intermediate drying: approx. 4 hours

Intermediate sanding with grit size 180

1 x ADLER Protor Primo 50770 ff

or

1 x Aquawood Primo A3 - A6 5453000310 ff

Hardwood:

1 x ADLER Protor-Primo 50770 ff

or

1 x Aquawood Primo A3 - A6 5453000310 ff

Use wood preservatives safely. Always read the label and observe the relative technical data sheets of the products before use.

Primer coat

Softwood:

1 x Aquawood Protor-Base L NG 5807

Hardwood:

2 x Aquawood Protor-Base L NG 5807

Intermediate sanding



Grit size 220 - 240

Remove sanding dust.

Finishing coat

1 x Aquawood Protor-Finish L NG 5809

Please observe the relative technical data sheets of the products.

ORDERING INFORMATION

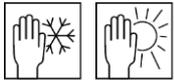
Size of trading unit 2.7 kg; 8 kg; 22 kg

Colour shades / degrees of gloss Farblös 5807000200

Supplementary products ADLER Aqua-PUR-Härter 82220
 ADLER Aqua-Cleaner 80080
 ADLER Protor-Primo 50770 ff
 Aquawood Primo TIM 5425000200
 Aquawood Primo A3 - A6 5453000310 ff
 Aquawood Protor-Finish L NG 5809 ff

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 Protor-Base L NG (cat. A/d): 130 g/l (2010). Aquawood Protor-Base L NG contains a maximum of 90 g/l VOC.

Safety-related information



Further information on the subject of safety during transport, storage and handling as well as disposal can be found in the relevant safety data sheet. The current version can be accessed on the Internet at www.adler-lacke.com.

The product is only suitable for the 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).