

Aquawood Dura-Base L

5820

Transparent 1C intermediate coat for exterior doors, for use in industry and trade
Optimised for use with Aquawood Dura-Finish L

PRODUCT DESCRIPTION

General

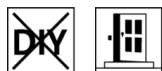
Water-based, colourless 1C intermediate coat The product is block-resistant and also offers very good wet adhesion, a high degree of elasticity, very good sandability and good coverage. Prevents coloured dip impregnation products from being removed by sanding.

Special properties and standards



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

Application area



Exterior doors, balcony doors, lift and slide elements and garage doors in outdoor and indoor areas.

PROCESSING

Processing instructions



- 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 %.
- When changing from Aquawood Dura-Base L (5820) to other water-based paint systems, care must be taken to adequately clean the pipes and spray equipment, preferably with warm water.
- Any change in the processing sequence, environmental conditions, non-observance of instructions or the use of products not listed may have an unfavourable effect on the result.
- Please follow our **ARL 305 - Working guideline for coating dimensionally stable and limited dimensionally stable construction elements - Coating of front doors and garage doors.**

Application technique



	Airless	Airless air-supported (Airmix®, Aircoat, etc.)
Spraying nozzle Ø (mm)		0,28
Spray nozzle (Ø inch)		0,011
Nozzle angle (°)		20 - 40
Spraying pressure (bar)		80 - 100
Vaporizer Air (bar)	-	0,5 - 1,5
Spraying distance (cm)		25
Applied quantity per application (g/m²)		100 - 125
Wet film (µm)		100 - 125

The product is ready to use.

The shape and surface condition of the workpiece as well as the type of application influence the actual consumption. 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)	ca. 30 minute
Tack-free	ca. 1 hour(s)
Recoat at room temperature	ca. 2 h
Recoat after forced drying 20 minutes dripping zone 90 minutes drying stage (35 – 40 °C) 20 minutes cooling stage	ca. 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.

Lower temperatures and/or high level of atmospheric humidity can increase the drying time.

Avoid direct sunlight!

Cleaning the working equipment



8029

With water immediately after use.

To remove dried paint residues we recommend using Aqua-Cleaner (8029) (diluted 1:1 with water).

SUBSTRATE

Type of substrate

Wood in accordance with the guidelines for window construction.

Substrate property

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

13 % ± 2 %

COATING SYSTEM

Impregnation	1 x Aquawood Primo (5453) Intermediate drying time: approx. 4 hours Use wood preservatives safely. Always read the label and observe the respective technical data sheets of the products before use. Please follow our ARL 056 - Working guideline for the use of wood preservatives.
Intermediate coat	Softwoods: 1 x Aquawood Dura-Base L (5820) Hardwoods and Larch: 2 x Aquawood Dura-Base L (5820) Intermediate drying: approx. 2 hour(s)
Intermediate sanding 	Slight smooth sanding: Grit size 220 – 280 Remove sanding dust.
Finishing coat	1 x Aquawood Dura-Finish L (5824)

ORDERING INFORMATION

Size of trading unit	5 kg, 25 kg, 120 kg -Poly drum
Colour shades / Glosslevels	Standard colour(s): Farblos (5820000200) 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.
Supplementary products	Aqua-Cleaner 8029 (8029) Aquawood Dura-Finish L (5824) Aquawood Primo (5453) Please refer to the corresponding technical data sheets of the products.

FURTHER DETAILS

Durability / storage  	Min. 1 year(s) in the original sealed containers. Make sure the product is protected against moisture, direct sunlight, frost and high temperatures (above 30 °C). Close opened containers well and use up the content as soon as possible.
Technical specifications	VOC content of the ready-to-use mixture: Limit value according to Directive 2004/42/EC for Aquawood Dura-Base L (Cat A/e): 130 g/l. Aquawood Dura-Base L contains a maximum of 70 g/l VOC.
Giscode	BSW50
DGNB (German Sustainable Building Council)	Quality level 4 (with factory coating)

Safety information



The product is only suitable for the industrial and professional use.

When sanding, use at least a P2 dust filter as personal safety equipment to protect against abrasive and wood dust. In case of hardwood (especially for Beech, Oak) a dust filter P3 is recommended.

The inhalation of paint aerosols during spray application must generally be avoided. This is ensured by the proper use of a respirator (combination filter A2/P2).

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**.