

Aquawood Intermedio Terra SQ

5708

Eco-friendly intermediate coat for wooden windows and exterior doors, for use in industry and trade
Optimised for a 3-layer coating system

PRODUCT DESCRIPTION

General

Eco-friendly, water-based intermediate coat made from selected renewable and natural raw materials.
The product is block-resistant and also offers a high degree of elasticity and good sandability, creating especially rich and smooth surfaces.
Prevents coloured dip impregnation products from being removed by sanding. Minimises surface defects with larch and with resinous softwoods in general.

Special properties and standards



- **ADLER green product**
ADLER green products are objectively tested and certified according to three categories: Environment, Health & Safety, and Durability. Only products that score positively in all these areas are awarded the green sustainability label.
- **declared product in baubook**
Criteria of the "Baubook Ökologisch ausschreiben" fulfilled
- **Cradle to Cradle Certified® Silver**
Cradle to Cradle Certified® is the global standard for products that are safe, circular and responsibly made.
- **French ordinance DEVL1104875A**
Marking of construction coating products for their emission of volatile pollutants: A+
- **ADLER green product**
ADLER green-Label products are objectively tested and certified according to three categories: Environment, Health & Safety, and Durability. Only products that score positively in all these areas are awarded the green sustainability label.

Application area



For dimensionally stable timber components for exterior and interior use, such as e.g. wooden windows and front doors.

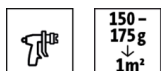
PROCESSING

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 %.
- The product is not weather-resistant without a topcoat!
- Too little quantity applied, too heavy intermediate sanding and/or increased thinning will reduce the insulation effect!
- When changing from Aquawood Intermedio Terra SQ (5708) 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. Deviations lead to film and adhesion problems as well as to impairments with regard to weathering and color stability.
- Please follow our **ARL 300 - Working guideline for coating dimensionally stable and limited dimensionally stable construction elements - General part** along with all standards and guidelines for window construction.

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	
Diluent	Water	
Diluent amount added (%)	0 - 5	
Applied quantity per application (g/m²)	150 - 175	
Wet film (µm)	150 - 175	

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. 3 hour(s)
Recoatable at room temperature	ca. 2 h
Recoatable 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

General

The following coating systems are exemplary.

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.**

Alternatively without chemical wood protection:

1 x Aquawood Primo TG WF (5462)

Intermediate drying time: approx. 4 hours

Intermediate coat

1 x Aquawood Intermedio Terra SQ (5708)

Intermediate drying time: approx. 2 hour(s)

Intermediate sanding



Grit size 220 – 240

Remove sanding dust.

Finishing coat

1 x Aquawood Finapro Terra (5113)


For front doors

An additional application of Aquawood Protect (5128) (colourless two-component varnish) is necessary.

ORDERING INFORMATION

Size of trading unit

25 kg; 120 kg poly drum

Colour shades / Glosslevels	Standard colour(s): Farblos (5708000200) 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 Finapro Terra (5113) Aquawood Primo (5453) Aquawood Primo TG WF (5462) Aquawood Protect (5128) 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 Intermedio Terra SQ (Cat A/d): 130 g/l. Aquawood Intermedio Terra SQ contains a maximum of 30 g/l VOC.
Giscode	BSW20
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 .