Aquawood Intermedio SQ C 5716

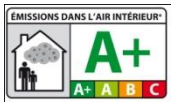
Water-based **intermediate coat** for **wooden windows and front doors** for **industrial and professional use**
It has been matched as a system with a **3-coat structure** using Aquawood TIG and Aquawood DSL

PRODUCT DESCRIPTION

General

Water-based intermediate coat with good filling power and grindability for particularly full-bodied and smooth surfaces. A high level of elasticity and block resistance characterize the product. Prevents grinding through of coloured immersion impregnations.

Special properties and standards



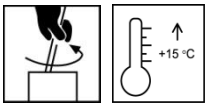
- **French Ordinance DEVL1104875A** regarding the marking of construction coating products with respect to their emission of volatile pollutants: A+

Application area

- Dimensionally stable timber components such as wooden windows, front doors or garage gates
- Particularly for coarsely porous types of hardwood

PROCESSING

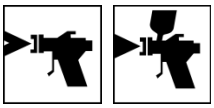
Instructions for use



- 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 processing or use are between 15 - 25°C at relative atmospheric humidity of 40 - 80%.
- The product is not weather-resistant without a topcoat!
- Please follow our "**Working guideline for coating dimensionally stable and limited dimensionally stable construction elements**" along with all standards and guidelines for window construction.

ADLER-Werk Lackfabrik, A-6130 Schwaz
Fon: 0043/5242/6922-301, Fax: 0043/5242/6922-309, Mail: technical-support@adler-lacke.com

Application technique



Application method	Airless	Airless pressurized (airmix, aircoat, ecc.)	Cup gun
Spraying nozzle (ø mm)	0,28	0,28	1,8
Spraying nozzle (ø inch)	0,011	0,011	
Spraying angle (Degrees)	20 – 40	20 – 40	-
Spraying pressure (bar)	80 – 100	80 – 100	3 - 4
Atomized air (bar)	-	0,5 – 1,5	-
Application quantity (gm/m²)	100 - 125		
Yield per application (gm/m²)[1)]	200 – 250		
Yield per application (gm/m)[1)]	100 – 125		
[1)] Yield including loss while spraying			

The product is ready to use.

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 23 °C and 50 % rel. humidity)

Dust-dry (ISO 1517)	after approx. 30 minutes
Tack-free	after approx. 1 hour
Recoatable at room temperature:	after approx. 2 hours
Recoatable after forced drying: 20 min dripping 50 min drying stage (35– 40°C) 20 min cooling stage	after 90 minutes

The figures given above are reference values. 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 working equipment

[#] With water immediately after use.

Remove dried paint residues using ADLER Aqua-Cleaner 80080 or ADLER Abbeizer 95125.

	SUBSTRATE
Type of substrate	Softwoods and hardwoods in accordance with the guidelines for window construction
Substrate property (or condition)	The substrate must be dry, clean, capable of holding the paint and free of grease, wax and dust.
Wood moisture	Stable structures: 13 % +/- 2 %
	COATING SYSTEM
Primer coat	1 x Aquawood TIG HighRes 5432 4 hours drying time Please observe the relative technical data sheets of the products.
Intermediate coat	1 x Aquawood Intermedio SQ C 5716 Wet-film thickness 100 - 125 µm 2 hours drying time
Intermediate sanding 	Sanding grain size 220 – 240. Remove the wood dust.
Topcoat	**Softwood:** 1x Aquawood DSL Q10 M 51751 ff without thinning Wet-film thickness 250 – 275 µm **Hardwood and Larch:** 1 x Aquawood DSL Q10 M 51751 ff thinned with 5 % water Wet-film thickness 225 - 250 µm. Please observe the relative technical data sheets of the products.
	ORDERING INFORMATION
Size of trading unit	5 Kg; 25 Kg and 120 Kg poly drum
Colour / degree of gloss	Farblos (Colourless) 5716000200 • **The final colour shade is basically obtained from the inherent colour of the wood, the colour shade of the impregnation and the colour shade of the glaze finish topcoat applied** (compare with the colour shade chart). • Nonetheless, 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. • In order to lay particular emphasis on the wood structure, the selected colour shade of Aquawood TIG HighRes should be darker than the one of Aquawood DSL.
Supplementary products	Aquawood TIG HighRes 5432 Aquawood DSL Q10 M 51751 ff ADLER Aqua-Cleaner 80080 ADLER Abbeizer 95125
	FURTHER DETAILS

Durability / storage

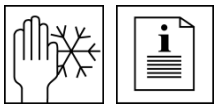
At least 1 year in the original sealed containers.

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

Technical specifications

VOC content	EU limit value for Aquawood Intermedio SQ C (Cat. A/e): 130 gm./l (2010). Aquawood Intermedio SQ C contains maximum 110 gm./l VOC (Volatile Organic Compounds).

Safety-relevant information



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