

Aquawood Fensterlasur

53844 ff

Water-based **wood glaze for rooftop windows** for industrial use

PRODUCT DESCRIPTION

General

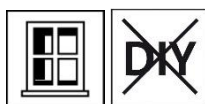
Water-based thick film glaze with high transparency. The product is characterized by high blocking resistance, fast water resistance, short drying times, improved resistance to mechanical damage and natural appearance. The product is formulated without added biocidal active substances to protect against blue stain and wood-destroying fungi.

Special properties and standards



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

Application areas



- For the industrial coating of rooftop windows.
- For humid areas (e.g. indoor pools) only with a special structure.

PROCESSING

Instructions for use



- Please stir the product before use.
- A product, building and room temperature of at least + 10 °C is necessary.
- The optimal conditions for use are between 15 – 25 °C with a relative atmospheric humidity between 40 – 80 %.
- Too high dry film thicknesses beyond around 120 µm reduce the diffusion capacity and should thus be avoided.
- Sealants must be compatible with the coat and may only be applied once the paint has dried through. Weather strips containing plasticizers tend to adhere in combination with paints. Please only use those types that have been tested.
- We do not recommend applying two layers of Aquawood Fensterlasur with intermediate sanding, because due to the content of a matting wax, a polishing effect and therefore a poor intermediate adhesion is possible.
- Please follow our “Working guidelines Roto Frank Lubartów”.

12-17 (supersedes 10-10) ZKL 5168

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Our instructions for use are based on knowledge available currently and shall guide the purchaser / user to the best of one's knowledge, but, however, must be clarified for the areas of application and processing conditions on a case-to-case basis. The buyer/user takes responsibility for the suitability and use of the delivered product. It is therefore recommended to produce a sample specimen for testing the suitability of the product. Our general terms and conditions of sale are otherwise applicable. All previous data sheets are rendered invalid with the issue of this one. Rights reserved for the modification of the container sizes, colour shades and degrees of gloss available.

Application technique



Application method	Airless	Airless air-supported (Airmix, Aircoat, etc.)
Spraying nozzle (ø mm)	0.28 or 0.33	0.28 or 0.33
Spraying nozzle (ø inch)	0.011 or 0.013	0.011 or 0.013
Spraying angle (degrees)	20 – 40	20 – 40
Spraying pressure (bar)	80 – 100	80 – 100
Atomising air (bar)	-	0.5 - 1.5
Dilution (thinning)	water	
Thinner amount added in %	0 – 5	
Wet film (µm)	225 - 300	

Type	Dry film	Wet film
4	70	225 - 250
3,7,5	80	250 – 275
8.6	90	275 - 300

The product is ready to brush.

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 23 °C and 50 % rel. humidity)



Dust-dry (ISO 1517)	after approx. 1 hour
Tack-free	after approx. 2 hours
Stackable with PE fine foam spacers at room temperature:	after approx. 5 hours
Recoatable at room temperature:	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.


Avoid direct sunlight (very quick drying).

Cleaning the working equipment



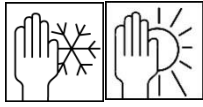
With water immediately after use.

To remove dried paint residues, we recommend using ADLER Aqua-Cleaner 80080 or ADLER Abbeizer Rote Krähe 95125.

SUBSTRATE	
Type of substrate	Wood in accordance with the guidelines for window construction.
Substrate property (or condition)	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	Dimensionally stable components: 13 % +/- 2 %
COATING SYSTEM	
Impregnation	1 x Aquawood TIM 51202 or if necessary 1x Axil 3000 Please observe the relative technical data sheets as well as the safety data sheets of the products.
Intermediate coat	1 x Aquawood Intermedio 53843 + 60 % water by flow-coating Please observe the relative technical data sheets as well as the safety data sheets of the products.
Intermediate sanding	Grit size 150 - 240 Remove the wood dust.
	
Topcoat	1 x Aquawood Fensterlasur 53844 ff 1 x ADLER V-Fugensiegel 55630
Factory repair	Please follow our "Working guidelines Roto Frank Lubartów" paragraph 1.2.
MAINTENANCE AND RENOVATION	
Maintenance and renovation	Cleaning with ADLER Top-Cleaner 51696. Please observe the relative technical data sheets of the products. Please follow our " Working guideline for coating dimensionally stable and limited dimensionally stable construction elements - Maintenance and renovation ".
ORDERING INFORMATION	
Size of trading unit	25 kg; 120 kg; 600 kg
Colour / degree of gloss	Farblos 53844 Weiß gebrochen 53970
Supplementary products	Aquawood TIM 51202 Aquawood Intermedio 53843 Axil 3000 ADLER Abbeizer Rote Krähe 95125 ADLER Aqua-Cleaner 80080 ADLER V-Fugensiegel 55630

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 Fensterlasur (cat. A/e):
130 g/l (2010). Aquawood Fensterlasur contains a
maximum of 20 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 industrial use.

Inhaling paint aerosols whilst spraying must generally be avoided; this is ensured by correctly using a respiratory mask (combination filter A2/P2 – EN 141/EN 143).