

## Aquawood Fineline D

5019000010 ff

Water-based pigmented final coat for medium layer coating systems for **wooden windows and front doors for industrial and professional use**

It has been matched as a system with a **3-coat structure**

### PRODUCT DESCRIPTION

#### General

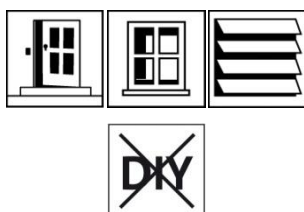
Water-based pigmented final coat with very good weathering resistance and uniform degradation during exposure to weather. Medium film formation with 30 to 50 µm dry film thickness depending on the coating system. High blocking resistance, fast water resistance, short drying times and natural appearance characterize the product.

#### Special properties and standards

- **ÖNORM S 1555** or **DIN 53160** Perspiration and saliva-proof properties
- **ÖNORM EN 71-3** Safety of toys; migration of certain elements (free of heavy metals)
- **French ordinance DEVL1104875A** regarding the marking of construction coating products for their emission of volatile pollutants: A+



#### Application areas



- For dimensionally stable and limited dimensionally stable timber components for exterior such as wooden windows, front doors, window shutters, gates, winter garden.
- According to ÖNORM B3803, the minimum layer thickness of 80 µm for transparent pigmented water-based coatings can also be lowered on dimensionally stable wood components if this is verifiably done in agreement with the manufacturer of the coating material and the end user is verifiably informed of the shortened care intervals.

### PROCESSING

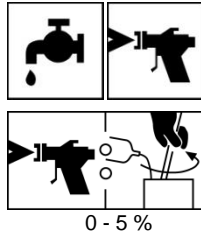
#### Instructions for use



- 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 processing conditions are between 15 – 25 °C with a relative humidity of 40 – 80 %.
- 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.

- When changing from Aquawood Finline D 5019000010 ff to other water-based paint systems, care must be taken to adequately clean the pipes and spray equipment, preferably with warm water.
- Please follow our "**Working guideline for coating dimensionally stable and limited dimensionally stable construction elements**" along with all standards and guidelines for window construction.

**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
Spraying distance (cm)	approx. 25	
Dilution (thinning)	water	
Thinner amount added in %	0 – 5	0 – 5
Wet film (µm)	150	
Yield per application (g/m) <sup>2</sup> <sup>1)</sup>	approx. 250	
Dry film complete coating system (µm)	30 – 50	

<sup>1)</sup> 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 23 °C and 50 % rel. humidity)



Dust-dry (ISO 1517)	after approx. 30 minutes
Tack-free	after approx. 3 hours
Recoatable	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 (diluted 1:1 with water).

<b>SUBSTRATE</b>	
<b>Type of substrate</b>	Wood in accordance with the guidelines for window construction.
<b>Substrate property (or condition)</b>	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.
<b>Wood moisture</b>	13 % +/- 2 %
<b>COATING SYSTEM</b>	
<b>General</b>	The following coating systems are exemplary.
<b>Impregnation /Primer coat</b>	1 x Aquawood TIG HighRes Weiß 543700101 Intermediate drying: approx. 4 hours Use wood preservatives safely. Always read the label and observe the relative technical data sheets of the products before use.
<b>Intermediate coat</b>	<b>Windows und Front doors:</b> 1 x ADLER Acryl-Spritzfüller 41002 or ADLER Acryl-Spritzfüller SL 41029, ADLER Acryl-Fensterfüller HighRes 5501050000 or Aquawood Intermedio ISO 53730 Intermediate drying: approx. 4 hours <b>Window shutters, gates and winter garden:</b> 1x Aquawood Isogrip HighRes 57990 Intermediate drying: approx. 4 hours Please observe the relative technical data sheets of the products.
<b>Intermediate sanding</b>	Grit size 220 - 240 Remove sanding dust.
	
<b>Final coat</b>	1 x Aquawood Finline D 5019000010 ff
<b>For front doors:</b>	An additional application of Aquawood Protect 53215 is necessary (colourless two-component varnish). Please observe the relative technical data sheets of the products.
<b>MAINTENANCE AND RENOVATION</b>	
<b>Maintenance and renovation</b>	The durability depends on several factors: these include particularly the type of weathering, constructional protection, mechanical stress and the choice of colour applied. To obtain long durability, preservation work is necessary in time. Therefore, we recommend annual maintenance. <b>Windows, window shutters, gates and winter garden:</b> Cleaning with ADLER Top-Cleaner 51696 is sufficient (for severe dirt). <b>Front doors:</b> Cleaning with ADLER Top-Cleaner 51696. Preservation using ADLER Door-Finish 51700 in the ADLER Haustürenpflegeset (front door preservative kit) 51709. 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

4 kg; 22 kg

### Color shades/degree of gloss

Other colour shades can be obtained using the **ADLER colour mixing system ADLERMix**.



#### Base paints:

Base W10	5019000010
Base W10	5019000030

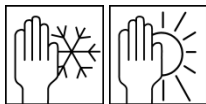
- In order to ensure uniformity of the colour shade, use only material having the same batch number on a given surface.
- It is recommended to prepare a trial colour sample on the original substrate using the coating system selected in order to assess the final colour shade.

### Supplementary products

Aquawood TIG HighRes Weiß 543700101  
 ADLER Acryl-Spritzfüller SL 41029  
 ADLER Acryl-Fensterfüller HighRes 5501050000  
 Aquawood Intermedio ISO 53730  
 ADLER Acryl-Spritzfüller 41002  
 Aquawood Isogrip HighRes 57990  
 ADLER Haustürenpflegeset 51709  
 ADLER Top-Cleaner 51696  
 ADLER Door-Finish 51700  
 ADLER Aqua-Cleaner 80080

## FURTHER DETAILS

### Durability / storage



At least 1 years 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 Finline D (cat. A/d):  
 130 g/l (2010). Aquawood Finline D contains a maximum of 60 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 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 – EN 141/EN 143).