

## Aquawood Spritzlack Metallic

5022055306 ff

Water-based pigmented **metallic topcoat** 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 metallic topcoat. Excellent weathering resistance, excellent permanent flexibility. High level of block resistance, very good impact strength and high resistance to yellowing. Good firmness on vertical surfaces combined with optimal flow.

#### Special properties and standards



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

#### Application areas



- For dimensionally stable timber components for exterior and interior use, such as e.g. wooden windows and front doors.
- For humid areas (e.g. indoor pools) only with a special coating system.

### PROCESSING

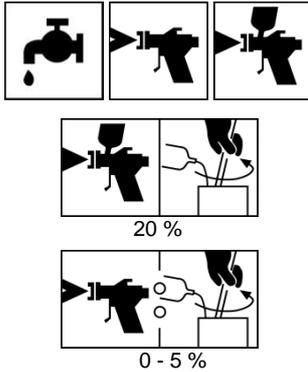
#### Instructions for use



- 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 conditions for use are between 15 – 25 °C with a relative atmospheric humidity between 40 – 80 %.
- Contains metal pigments. The colour very much depends on the processing! Several thin spray applications result in much lighter and more brilliant coatings.
- 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.

- When changing from Aquawood Spritzlack Metallic 5022055306 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.) | Compressed air cup gun |
|---|--------------------|---|------------------------|
| Spraying nozzle (ø mm)  | 0.28               | 0.28  | 1.8 – 2.0              |
| Spraying nozzle (ø inch)  | 0.011              | 0.011   | -                      |
| Spraying angel (degrees)  | 20 – 40            | 20 – 40                                       | -                      |
| Spraying pressure (bar)   | 80 – 100           | 80 – 100                                      | 3 - 4                  |
| Atomising air (bar)   | -                  | 0,5 – 1,5                                     | -                      |
| Spraying distance (cm)  | more than 30       |   |                        |
| Thinner   | water              |   |                        |
| Thinner amount added in %   | 0 – 5              | 0 – 5   | 20                     |
| Wet-film (µm)   | 150 – 200          |   |                        |
| Yield per application (g/m <sup>2</sup> ) <sup>1)</sup>                   | 300                |   |                        |
| Dry film (µm)   | 100 up to max. 120 |   |                        |
| <sup>1)</sup> Yield including addition of thinner and loss while spraying |                    |   |                        |

Preferably spray the product on with a compressed air cup gun. Airless or Airmix spraying lead to a reduced brilliance of the metallic effect.

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. 3 hours  |
| Stackable with PE fine foam spacers at room temperature:   | after approx. 5 hours  |
| Stackable with PE fine foam spacers after forced drying:<br>20 min flash-off zone<br>90 min drying phase (35 – 40°C)<br>20 min cooling phase | after approx. 130 min. |
| 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).

**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**

13 % +/- 2 %

**COATING SYSTEM**

**General**

The following coating systems are exemplary. The following coating systems are exemplary. To find more coating systems please follow our

- "Working guideline for coating dimensionally stable and limited dimensionally stable construction elements Windows –Front doors and Shutters – Garage doors - Coating system - Classic"
- "Working guideline for coating dimensionally stable and limited dimensionally stable construction elements Windows – House doors respectively shutters – Garage doors - Coating cycles – Performance"
- "Working guideline for coating dimensionally stable and limited dimensionally stable construction elements Windows– House doors resp. Shutters – Garage doors - Coating cycles - HighRes®".

**Impregnation**

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.

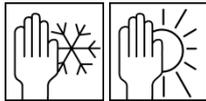
|   |  |   |
|---|--|---|
| <b>Intermediate coat</b>  | <p>1 x ADLER Acryl-Spritzfüller 41002, ADLER Acryl-Spritzfüller SL 41029, ADLER Acryl-Fensterfüller HighRes 5501050000 or Aquawood Intermedio ISO 53730</p> <p>Intermediate drying: approx. 4 hours</p> <p>Please observe the relative technical data sheets of the products.</p>  |   |
| <b>Intermediate sanding</b>   | <p>Grit size 220 - 280</p> <p>Remove sanding dust.</p>   |   |
|  |  |   |
| <b>Final coat</b>   | <p>1 x Aquawood Spritzlack Metallic 5022055306 ff</p>  |   |
| <b>For front doors:</b>   | <p>An additional application of Aquawood Protect 53215 is necessary (colourless two-component varnish).</p> <p>Please observe the relative technical data sheets of the products.</p>  |   |
| <b>MAINTENANCE AND RENOVATION</b>   |  |   |
| <b>Maintenance and renovation</b>   | <p>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.</p> <p><b>Windows:</b> Cleaning with ADLER Top-Cleaner 51696 is sufficient (for severe dirt).</p> <p><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.</p> <p>Please observe the relative technical data sheets of the products.</p> <p>Please follow our <b>“Working guideline for coating dimensionally stable and limited dimensionally stable construction elements - Maintenance and renovation”</b>.</p> |   |
| <b>ORDERING INFORMATION</b>   |  |   |
| <b>Size of trading unit</b>   | <p>2.5 kg; 25 kg</p>   |   |
| <b>Colour / degree of gloss</b>   | <p>approx. DB 703</p> <p>approx. RAL 9006</p> <p>approx. RAL 9023</p> <p>approx. RAL 9022</p> <p>approx. RAL 9007</p> <p>approx. DB 701</p> <p>Silbergrau</p>  | <p>5022055306</p> <p>5022055307</p> <p>5022055308</p> <p>5022055309</p> <p>5022055310</p> <p>5022055311</p> <p>5022055323</p> |
|   | <ul style="list-style-type: none"> <li>• The colours do not exactly match the RAL colour chart.</li> <li>• In order to ensure uniformity of the colour shade, use only material having the same batch number on a given surface.</li> <li>• 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.</li> </ul>   |   |

**Supplementary products**

Aquawood TIG HighRes Weiß 543700101  
 Aquawood Intermedio ISO 53613  
 Aquawood Protect 53215  
 ADLER Acryl-Spritzfüller 41002  
 ADLER Acryl-Spritzfüller SL 41029  
 ADLER Acryl-Fensterfüller HighRes 5501050000  
 ADLER Aqua-Cleaner 80080  
 ADLER Top-Cleaner 51696  
 ADLER Door-Finish 51700  
 ADLER Haustürenpflegeset 51709

**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 Spritzlack Metallic (cat. A/d): 130 g/l (2010). Aquawood-Spritzlack Metallic contains a maximum of 50 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](http://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).