

# Aquawood Interprimer

5434

Water-based primer for wooden windows for industrial and professional use

It has been matched as a system with a 4-coat structure with Aquawood TIM, Aquawood Intermedio or Aquawood Intermedio HighRes and Aquawood DSL Q10 M or Aquawood DSL HighRes

## PRODUCT DESCRIPTION

### General

Water-based primer with an excellent sagging behavior on pre-impregnated softwood. Special additives will reduce the backflow behavior.

### Special properties and standards



- The coating is protected against blue stain and mold by a biocidal active substance.  
**Active substance:**  
0,3 % (0,3 g/100 g) IPBC (3-Iodpropinylbutylcarbamate)
- French ordinance DEVL1104875A** regarding the marking of construction coating products for their emission of volatile pollutants: A+

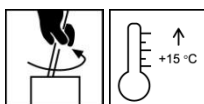
### Application areas



- For dimensionally stable and limited dimensionally stable timber components for exterior such as windows, front doors, window shutters, balconies, gates, winter garden, in usage class 2 and 3 without soil contact.
- Particularly suitable for softwoods.

## PROCESSING

### Instructions for use

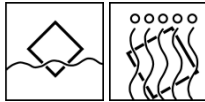


- Please stir the product before use.
- The temperature of the product and object, and the room temperature must be at least + 15 °C.
- The optimal conditions for use are between 15 – 25 °C with a relative atmospheric humidity between 40 – 80 %.
- The product is not weather-resistant without a topcoat!
- In case of flow coating for a long time, the pH-value reduces and, as a result, there could be sagging problems. Hence, the pH value of impregnations that have already been used must be checked and, if required, corrected to the target pH-value of 8.80 – 9.20 by adding 0.10 – 0.20 % of the neutralisation agent 96149 (the addition of 0.1 % will increase the pH-value up to approx. 0.6 units).
- In case of an increase of viscosity in consequence of evaporation it will be necessary to adjust with water (nominal viscosity: 45 - 50 s in 2 mm cup). Before measuring the wood dust has to be

screened.

- On foam generation in the liquid agitation machine we recommend an addition of 0.1 – 0.3 % Entschäumerlösung 90642.
- 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	Immersion	Flow coating
Viscosity (s) 2-mm cup, 20° C	45 - 50	
Yield per application (g/m <sup>2</sup> )	100 - 120	

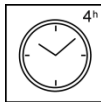
**Attention: Do not spray product!**

**Attention: If the product is sprayed on in exceptional cases, an A2/P3 respirator mask must be used.**

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)



Recoatable at room temperature:	after approx. 4 hours
Recoatable after forced drying: 20 min dripping 50 min drying stage (35– 40°C) 20 min cooling stage	after approx. 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.

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

Softwoods according to 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  
Intermediate drying: approx. 2 hours

Please observe the relative technical data sheets of the products.

<b>Primer coat</b>	1 x Aquawood Interprimer 5434 Intermediate drying: approx. 4 hours
<b>Intermediate coat</b>	Aquawood Intermedio 53663 or Aquawood Intermedio HF 53769 or Aquawood Intermedio ISO 53613 Intermediate drying: approx. 2 hours  or Aquawood Intermedio HighRes MF 59119 or Aquawood Intermedio HighRes HF 59118 or Aquawood Intermedio HighRes ISO 59120 ff Intermediate drying: approx. 2 hours  Please observe the relative technical data sheets of the products.

<b>Intermediate sanding</b>	Grit size 220 – 240
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<b>Topcoat</b>	Aquawood DSL Q10 M 51751 ff or Aquawood DSL HighRes 59127 ff  Please observe the relative technical data sheets of the products.
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## ORDERING INFORMATION

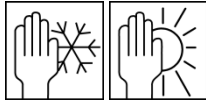
<b>Size of trading unit</b>	22 l, 120 l poly drum
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<b>Colour / degree of gloss</b>	<ul style="list-style-type: none"> <li>• Special colour shades on request.</li> <li>• <b>The final colour shade is basically obtained from the inherent colour of the wood, the applied quantity, the colour shade of the impregnation and the colour shade of the finishing coat applied.</b></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> <li>• In order to particularly emphasise the wood texture, the colour selected for Aquawood Interprimer should be darker than that of Aquawood DSL Q10 M or Aquawood DSL HighRes.</li> </ul>
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<b>Supplementary products</b>	Aquawood Intermedio 53663 Aquawood Intermedio HF 53769 Aquawood Intermedio HighRes MF 59119 Aquawood Intermedio HighRes HF 59118 Aquawood Intermedio HighRes ISO 59120 ff Aquawood DSL Q10 M 51751 ff Aquawood DSL HighRes 59127 ff ADLER Aqua-Cleaner 80080 ADLER Abbeizer Rote Krähe 95125 ADLER Neutralisationsmittel 96149 ADLER Entschäumerlösung 90642
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## 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

Delivery viscosity	Approx. 11 sec. in accordance with DIN 53211 (4-mm-cup, 20 °C) or approx. 45 - 50 s (2-mm-cup)
VOC content	EU threshold for Aquawood Interprimer (cat. A/f): 130 g/l (2010). Aquawood Interprimer contains maximum 42 gm./l VOC (Volatile Organic Compounds).

### Safety-related information



Please pay attention to the associated 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.