

Aquawood Primo TG Weiß

5442

Water-based wood primer 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, white pigmented wood primer with particularly good coverage of softwood edges. The product is characterised by very good sagging behaviour on hardwood and softwood as well as insulating effect against wood extractives.

Special properties and standards



- The coating is protected against blue stain and mould by a biocidal active substance.
Active substance:
0,05 % (0,50 g/kg) IPBC (3-Iodpropinylbutylcarbamat)
- 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 and interior use, such as e.g. wooden windows, front doors, window shutters, gates, winter garden, etc.

PROCESSING

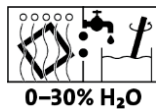
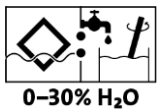
Instructions for use



- 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 %.
- The treated surfaces must be coated with a suitable topcoat to prevent the active substances from being washed out. This surface coating must be maintained continuously.
- 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 8.40 – 8.80 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).

- If the viscosity increases as a result of evaporation, it must be compensated with water (set viscosity: non diluted 80 - 90 s and with 30% water addition 50 – 55 s in a 2-mm-cup). Before measuring the wood dust has to be screened.
- On foam generation in the flow-coating machine we recommend an addition of 0.1 – 0.3 % Entschäumerlösung 90642.
- Please follow our **ARL 300 - Working guideline for coating dimensionally stable and limited dimensionally stable construction elements - General part** along with all standards and guidelines for window construction.

Application technique



Application method	Immersion	Flow coating
Dilution (thinning)	water	
Addition of thinner in %	0 - 30	
Yield per application (g/m ²)	100 - 120	

Attention: Do not spray the product!

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	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.

Lower temperatures and/or high level of atmospheric humidity can increase the drying time.


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	<p>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.</p> <p>A prerequisite for ensuring long durability of the coating is to observe the basic principles of constructional wood preservation.</p>
Wood moisture	13 % +/- 2 %
Wood sanding:	Hardwoods: grit size 150 – 180 Softwoods: grit size 100 – 150
COATING SYSTEM	
General	The following coating systems are exemplary.
Primer coat	1 x Aquawood Primo TG Weiß 5442
Intermediate coat	<p>Transparent: 1 x Aquawood Intermedio DQ 5706 or 1 x Aquawood Intermedio ISO 5705 Intermediate drying: approx. 2 hours</p> <p>Opaque: 1 x Aquawood Intercare ISO 5503 or 1 x Aquawood Intercare SQ 5522 or 1 x ADLER Acryl-Fensterfüller HighRes 5501 Intermediate drying: approx. 4 hours</p> <p>Please observe the relative technical data sheets of the products.</p>
Intermediate sanding	Grit size 220 – 240 Remove sanding dust.
	
Finishing coat	<p>Transparent: 1 x Aquawood Finatop 40 5140 or 1 x Aquawood Finapro 20 5101</p> <p>Opaque: 1 x Aquawood Covatop XT 20 5020 or 1 x Aquawood Covapro 20 5023</p> <p>Please observe the relative technical data sheets of the products.</p>

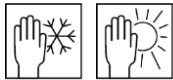
ORDERING INFORMATION

Size of trading unit	4 l; 22 l	
Colour shades / degrees of gloss	Weiß	5442050000
	<ul style="list-style-type: none"> • The final colour is basically obtained from the inherent colour of the wood, the applied quantity, the colour of the primer and the colour of the finishing coat. • 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	<p>Aquawood Intermedio DQ 5706 Aquawood Intermedio ISO 5705 Aquawood Intercare ISO 5503 Aquawood Intercare SQ 5522 ADLER Acryl-Fensterfüller HighRes 5501 Aquawood Finatop 40 5140 Aquawood Finapro 20 5101 Aquawood Covatop XT 20 5020 Aquawood Covapro 20 5023 Aquawood Protect 5128 ADLER Aqua-Cleaner 80080 ADLER Neutralisationsmittel 96149 ADLER Entschäumerlösung 90643</p>	
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FURTHER DETAILS

Durability / storage	<p>At least 1 year in the original sealed containers.</p> <p>Make sure the product is protected against moisture, direct sunlight, frost and high temperatures (above 30 °C).</p>	
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Technical specifications	VOC content	EU threshold for Aquawood Primo TG Weiß (cat. A/f): 130 g/l (2010). Aquawood Primo TG Weiß contains a maximum of 40 g/l VOC.
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Safety-relevant information	<p>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.</p> <p>The product is only suitable for the industrial and professional use</p>	
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