

Acryl-Flutfüller Weiß

5510050000

Water-based **primer/intermediate coat** for **wooden windows and front doors** for **industrial and professional use**

It has been matched as a system with a **3-coat structure** using Aquawood TIG HighRes and ADLER Acryl-Spritzlack

PRODUCT DESCRIPTION

General

Water-based, white intermediate coat. Very good insulation, very good filling power and very good block resistance in the coating system with ADLER Acryl-Spritzlack. Improves the weather-resistance of the coating structure due to an excellent moisture proof. High filling power and very good pore wetting on coarsely porous timbers (Meranti).

Special properties and standards



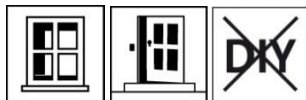
- The coating is protected against blue stain and mold by a biocidal active substance.

Active substance:

0.4 % (0.4 g / 100 g) Tebuconazole

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

Application areas



- Dimensionally stable timber components for exterior such as wooden windows, front doors or garage gates in the usage class 2 and 3 without soil contact.

PROCESSING

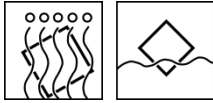
Instructions for use



- 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 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 8.50 – 9.30 by adding 0.05 – 0.10 % of the neutralisation agent 96149 (the addition of 0.10 % will increase the pH-value up to approx. 0.5 units).

- In case of an increase of viscosity in consequence of evaporation it will be necessary to adjust with water (nominal viscosity: 14 - 16 s in 4 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



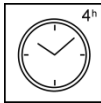
Application method	Flow coating	Immersion
Viscosity (s) 4-mm cup, 20° C	14 - 16	
Yield per application (g/m ²)	150 - 200	

The product is ready to use.

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 90 min

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

Primer coat

1 x Aquawood TIG HighRes Weiß 543700101
Intermediate drying: approx. 4 hours

or

ADLER Acryl-Flutfüller Weiß 5510050000

Intermediate drying: approx. 4 hours

(applies to timbers of durability class 1-3 according to EN 350-2)

Please observe the relative technical data sheets of the products.

Intermediate coat

ADLER Acryl-Flutfüller Weiß 5510050000

Intermediate drying: at least 4 hours

Intermediate sanding



Grit size 220 – 240

Remove the wood dust.

Topcoat

ADLER Acryl-Spritzlack Q10 M 4320

Wet-film thickness 200 – 250 µm

Please observe the relative technical data sheets of the products.

ORDERING INFORMATION

Size of trading unit

25 kg, 150-kg-poly drum

Colour / degree of gloss

Weiß 5510050000

Supplementary products

Aquawood TIG HighRes Weiß 543700101

ADLER Acryl-Spritzlack Q10 M 4320

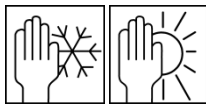
ADLER Top-Cleaner 51696

ADLER Neutralisationsmittel 96149

ADLER Entschäumerlösung 90642

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 15 s in accordance with DIN 53211 (4-mm-cup, 20°C)

VOC content EU threshold for ADLER Acryl-Flutfüller Weiß (Cat. A/d): 130 g/l (2010). ADLER Acryl-Flutfüller Weiß contains maximum 60 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**.

The product is only suitable for industrial and professional use.