

# ADLER Acryl-Fensterfüller HighRes NG 5512050000

Water-based insulating spray filler for industrial and professional use

## PRODUCT DESCRIPTION

### General

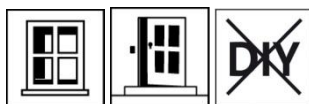
Water-based, fast-drying spray filler. Very good filling properties, very good flow, very good grindability, very good yield and good insulation effect from substances in the wood. It is particularly environment-friendly on account of its low content of organic solvents.

### Special properties and standards



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

### Application areas



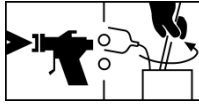
- Dimensionally stable timber components such as wooden windows, front doors or garage doors made of hardwood and softwood without ground contact in the usage classes 2 and 3.
- Especially suitable for softwood.

## 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 %.
- Please follow our **"Working guidelines for coating dimensionally stable and limited dimensionally stable construction elements"** along with all standards and guidelines for window construction.

**Application technique**

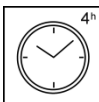
Application method	Airless	Airless pressurized (Airmix, Aircoat, etc.)
Spraying nozzle (ø mm)	0.28 or 0.33	0.28 or 0.33
Spraying nozzle (ø inch)	0.011 or 0.013	0.011 or 0.013
Spraying angle (degrees)	20 – 40	20 – 40
Spraying pressure (bar)	80 – 100	80 – 100
Atomized air (bar)	-	0.5 – 1.5
Fine strainer	100 mesh, approx. 150 µm <sup>2)</sup>	
Spraying distance (cm)	approx. 25	
Dilution (thinning)	water	
Yield per application (gm/m <sup>2</sup> ) <sup>1)</sup>	400 – 450	
Yield per application (gm/m) <sup>1)</sup>	200 – 250	
Wet film (µm)	200 – 250	
<sup>1)</sup> Yield including addition of thinner and loss while spraying		
<sup>2)</sup> Finer screens are not suitable		

**The product is ready-to-spray.**

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 °C maximum) 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).

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

**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  
Please observe the respective technical data sheets of the products.

**Intermediate sanding** Grain size 280  
Too heavy intermediate sanding will reduce the isolation effect and must be avoided!



**Intermediate coat** 1 x ADLER Acryl-Fensterfüller HighRes NG 5512  
Wet film thickness 150 – 200 µm  
Intermediate drying: approx. 4 hours

**Intermediate sanding** Grain size 280  
Too heavy intermediate sanding will reduce the isolation effect and must be avoided!



**Topcoat** 1 x ADLER Acryl-Spritzlack Q10 M 4320  
or  
1 x ADLER Acryl-Spritzlack Q10 G 4325  
Please observe the respective technical data sheets of the products.

**ORDERING INFORMATION**

**Size of trading unit** 5 kg; 25 kg; 150 kg

**Colour / degree of gloss** Weiß 5512050000

**Supplementary products** Aquawood TIG HighRes Weiß 543700101  
ADLER Acryl-Spritzlack Q10 M 4320  
ADLER Acryl-Spritzlack Q10 M 4325  
ADLER Aqua-Cleaner 80080  
ADLER Abbeizer Rote Krähe 95125

**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).

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**Technical specifications**

VOC content      EU limit value for ADLER Acryl-Fensterfüller HighRes NG (cat. A/d): 130 g/l (2010). ADLER Acryl-Fensterfüller HighRes NG contains a maximum of 65 g/l VOC.

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**Safety 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)**.

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