

ADLER Acryl-Fensterfüller

5502

Water-based insulating spray filler for industrial and professional use

PRODUCT DESCRIPTION

General

Water-based, quick-drying spray filler. Good body, excellent flow, good sanding properties, very high yield. No special insulating effect against substances in the wood. Particularly environmentally friendly due to 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



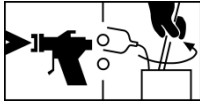
- For dimensionally stable timber components in the outdoor area such as wooden windows and front doors in the usage classes 2 and 3 without ground contact
- Particularly suitable for softwoods.

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 %.
- Please observe our **“Working guideline for coating dimensionally stable and limited dimensionally stable construction elements”** along with standards and guidelines for window construction.

Application technique

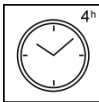
Application method	Airless	Airless air-supported (Airmix, Aircoat, etc.)
Spraying nozzle (ø mm)	0.28 or 0.33	0.28 or 0.33
Spraying nozzle (ø inch)	0.011 or 0.013	0.011 or 0.013
Spraying angle (degrees)	20 – 40	20 – 40
Spraying pressure (bar)	80 – 100	80 – 100
Atomising air (bar)	-	0.5 – 1.5
Fine screen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

The product is ready to spray.

The shape, 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 accelerated drying: 20 min. flash-off zone 50 min. drying phase (max. 35 °C) 20 min. cooling phase	after approx. 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 sunshine (dries too quickly).

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

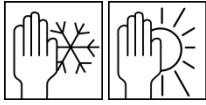
Cleaning the working equipment

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 separative substances such as grease, wax, silicone, resin etc. and free from wood dust, and must be checked to see whether it is suitable of being coated.
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	Grit size 280
	
Intermediate coat	1 x ADLER Acryl-Fensterfüller 5502 Wet-film thickness 150 - 200 µm Intermediate drying: approx. 4 hours
Intermediate sanding	Grit size 280 Too heavy intermediate sanding will reduce the isolation effect and must be avoided!
	
Applying the 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
Colours / degree of gloss	Weiß (white) 5502 Other colour shades can be obtained using the ADLER colour mixing system ADLERMix . Base paints: Base W30 41031
	
Supplementary products	ADLER Acryl-Spritzlack Q10 G 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).

Technical specifications

VOC content EU threshold for ADLER Acryl-Fensterfüller (Cat. A/d): 130 g/l (2010). ADLER Acryl-Fensterfüller contains a maximum of 90 g/l VOC.

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.
