

ADLER Acryl-Spritzfüller SL

41029

Water-based insulating spray filler for industrial and professional use

PRODUCT DESCRIPTION

General

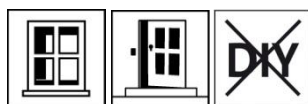
Water-based, fast-drying spray filler. Excellent permanent elasticity, good filling power, excellent flow, good grindability and good insulating effect from wood extractives. Particularly environmentally friendly due to low content of organic solvents.

Special properties and standards



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

Application areas



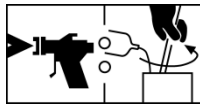
- For dimensionally stable and limited dimensionally stable timber components for exterior such as windows, front doors, window shutters, balconies, gates, winter garden, in usage class 2 and 3 without soil contact.
- Particularly suitable for softwoods.

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 %.
- Insulating effect by principle of „stainlocking (SL)“. The filler layer discolours due to wood extractives, but transfer to the top coat is prevented.
- Too little quantity applied, too heavy intermediate sanding and/or increased thinning will reduce the insulation effect!
- 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	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 strainer	100 mesh, approx. 150 µm ²⁾	
Spraying distance (cm)	approx. 25	
Dilution (thinning)	water	
Yield per application (g/m ²) ¹⁾	300 – 350	
Yield per application (g/m ²) ¹⁾	150 – 200	
Wet film (µm)	150 – 200	
¹⁾ Yield including addition of thinner and loss while spraying		
²⁾ 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 at room temperature:	after approx. 4 hours
Recoatable after forced drying: 20 min flash-off zone 50 min. drying phase (max. 35 °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).

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

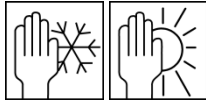
Cleaning the working equipment

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 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 relative technical data sheets of the products.
Intermediate sanding	Grit size 280
	
Intermediate coat	1 x ADLER Acryl-Spritzfüller SL 41029 Wet film thickness 150 – 200 µm Intermediate drying: approx. 4 hours
Intermediate sanding	Slight smooth sanding: Grit 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 relative technical data sheets of the products.
ORDERING INFORMATION	
Size of trading unit	32 kg; 150 kg
Color shades/degree of gloss	Weiß 41029
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).

Technical specifications

VOC content

EU threshold for ADLER Acryl-Spritzfüller SL (Cat. A/d): 130 g/l (2010). ADLER Acryl-Spritzfüller SL contains maximum 50 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.
