

# ADLER Acryl-Spritzfüller (Acrylic spray filler)

41002 ff

Water-based insulating spray filler for industrial and professional use

## PRODUCT DESCRIPTION

### General

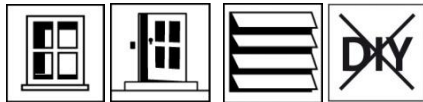
Water-based, fast-drying, biocide-free spray filler. Excellent permanent elasticity, good filling power and a good insulating effect from wood extractives. It is particularly environment-friendly on account of its low content of organic solvents.

### Special properties and standards



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

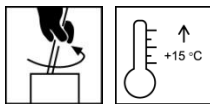
### Application area



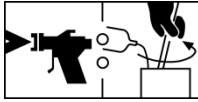
- For dimensionally stable and limited dimensionally stable timber components for exterior such as windows, front doors, window shutters, balconies, gates, winter garden, in usage class 2 and 3 without soil contact.
- Especially suitable for softwood.

## 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 (ARL) for dimensionally stable and limited dimensionally stable components**" 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
Spraying distance (cm)	approx. 25	
Dilution (thinning)	water	
Yield per application (gm/m <sup>2</sup> ) <sup>1)</sup>	300 – 350	
Yield per application (gm/m) <sup>1)</sup>	150 – 200	
Wet film (µm)	150 – 200	
<sup>1)</sup> Yield including addition of thinner and loss while spraying		

**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 dripping 50 min drying stage (35 °C maximum) 20 min cooling stage	after 90 min
Full development of the final characteristics	overnight

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 (Red Crow) 95125.

**SUBSTRATE****Type of substrate**

Wood in accordance with the guidelines for window construction

<b>Substrate property (or condition)</b>	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.
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<b>Wood moisture</b>	Dimensionally stable components: 13 % +/- 2 %
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### COATING SYSTEM

<b>Primer coat</b>	1 x Aquawood TIG HighRes Weiß 543700101 Intermediate drying: approx. 4 hours  Please observe the relative technical data sheets of the products.
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<b>Intermediate sanding</b>	Grain size 280
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<b>Intermediate coat</b>	1 x ADLER Acryl-Spritzfüller 41002 ff Wet film thickness 150 – 200 µm Intermediate drying: approx. 4 hours
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<b>Intermediate sanding</b>	Grain size 280  Too heavy intermediate sanding will reduce the isolation effect and must be avoided!
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<b>Topcoat</b>	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.
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### ORDERING INFORMATION

<b>Size of trading unit</b>	6 kg, 32 kg and 150 kg
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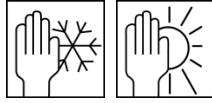
<b>Colour / degree of gloss</b>	Weiß (white) 41002 Special colour shades on request
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<b>Supplementary products</b>	Aquawood TIG HighRes Weiß 543700101 Aquawood TIG Weiß 51061 Aquawood TIG Weiß 51098 ADLER Acryl-Spritzlack Q10 M 4320 ADLER Acryl-Spritzlack Q10 G 4325 ADLER Aqua-Cleaner 80080 ADLER Abbeizer Rote Krähe 95125
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**FURTHER DETAILS**


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**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-Spritzfüller (Cat. A/d): 130 gm/l (2010). ADLER Acryl-Spritzfüller contains maximum 50 gm/l VOC (Volatile Organic Compounds).

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**Safety-relevant information**

Please follow our “Guidelines on the use of wood preservatives” and the associated safety data sheet! The latest version can be retrieved from the Internet at **[www.adler-lacke.com](http://www.adler-lacke.com)**

The product is only suitable for industrial and commercial processing.

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