

## ADLER 2K-Fenstergrund

69510

Solvent-based colourless **primer/intermediate coat** for **industrial and professional use**

### PRODUCT DESCRIPTION

#### General

Solvent-based colourless two-component primer/intermediate coating. Excellent pore wetting and short drying times. Without addition of aromatic solvents. Particularly high insulating effect against wood extractives. Solidifies the wood substrate and produces a strong hydrophobicity (water-repellent effect).

#### 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 timber components for exterior and interior use, such as e.g. wooden windows and front doors.
- Only warranty coating system for Iroko.

### PROCESSING

#### Instructions for use



**Spraying is only allowed in spray booths complying with the VOC Directive.**

- 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 %.
- Sealants must be compatible with the coat and may only be applied once the paint has dried through. Sealing profiles with plasticizers tend to stick together in combination with paints. Please only use those types that have been tested.
- Do not close containers with hardened material.
- Please follow our **ARL 300 - Working guideline for coating dimensionally stable and limited dimensionally stable construction elements - General part** along with all standards and guidelines for window construction.

08-20 (supersedes 08-16) ZKL 5712

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Our instructions for use are based on knowledge available currently and shall guide the buyer/user to the best of one's knowledge, but, however, must be clarified for the areas of application and processing conditions on a case-to-case basis. The buyer/user is responsible for deciding on the suitability and use of the delivered product, which is why it is recommended to produce a sample to check the suitability of the product. Our general terms and conditions of sale are otherwise applicable. All previous data sheets are rendered invalid with the issue of this one. Rights reserved for the modification of the container sizes, colour shades and degrees of gloss available.

**Blending ratio**

5 parts by weight ADLER 2K-Fenstergrund 69510  
1 part by weight ADLER PUR-Härter 82019

ADLER 2K-Fenstergrund can only be used with a hardener and in the mixing ratio specified. Deviations lead to film and adhesion problems.

ADLER Aqua-PUR-Härter must be carefully worked into the paint components by stirring before processing.

After addition of hardener, a waiting time of approx. 10 min is recommended for improved degassing.

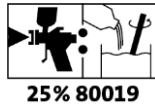
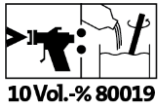
**Pot Life**

1 working day

Mixed material can be used one more working day, but must be mixed 1:1 with freshly hardened material.

A further extension of the pot life is not possible.

Increased temperatures reduce the pot life.

**Application technique**

Application method	Airless	Airless air-supported (Airmix, Aircoat, etc.)	Cup gun
Spray nozzle (ø mm)	0.23 - 0.28	0.23 - 0.28	1.8
Spraying pressure (bar)	100 - 120	100 - 120	3 - 4
Atomized air (bar)	1 - 2	1 - 2	
Dilution (thinning)	ADLER DD-Verdünnung 80019		
Thinner amount added in %	10	10	25
Viscosity 4-mm cup	23	23	18 - 20
Yield per application (g/m <sup>2</sup> )	approx. 300		
Wet film (µm)	100 - 200		
Dry film (µm)	30 - 60		
<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)



Dust-dry (ISO 1517)	after approx. 1 hour
Tack-free	after approx. 2 hours
Grindable	after approx. 4 hours
Recoatible (solvent-based coatings)	after approx. 4 hours
Recoatible (water-based coatings)	after approx. 12 hours

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.

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

**Cleaning the working equipment**

With ADLER DD-Verdünnung 80019.



80019

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

Fine pored and coarsely porous hardwoods, softwood.

**Substrate property**

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 construction elements: 13 % +/- 2 %

**COATING SYSTEM****Impregnation****Hardwoods and softwoods:**

1 x Aquawood Primo A3 - A6 5453000310 ff

Intermediate drying: approx. 4 hours

Use wood preservatives safely. Always read the label and observe the relative technical data sheets of the products before use.

**Intermediate coat****Hardwoods and softwoods:**

1 x 2K-Fenstergrund 69510

**Iroko and Siberian Larch:**

2 x 2K-Fenstergrund 69510

Intermediate drying: at least 4 hours

**Intermediate sanding**

Grit size 280 - 320

Remove sanding dust.

**Finishing coat**

1 x Aquawood DSL Q10 SG 59198 ff

or

1 x Aquawood Fensterlasur SG 53810 ff

or

Aquawood Fensterlasur HF 53845 ff

For overpainting without intermediate sanding, a drying time between at least 12 and max. 24 h at room temperature must be observed!

**For drying times of more than 24 hours, intermediate sanding must be carried out immediately before the top coat is applied. However, longer drying times than one week before applying the topcoat should generally be avoided.**

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**ORDERING INFORMATION**


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**Size of trading unit** 4 kg; 20 kg

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**Colour shades / degrees of gloss** Farblos 69510

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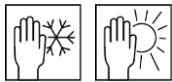
**Supplementary products** Aquawood Primo A3 - A6 5453000310 ff  
 Aquawood DSL Q10 SG 59198 ff  
 Aquawood Fensterlasur SG 53810 ff  
 Aquawood Fensterlasur HF 53845 ff  
 ADLER DD-Verdünnung 80019

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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**

Delivery viscosity	approx. 38 s according to DIN 53211 (4 mm cup, 20°C)
VOC content	EU threshold for 2K-Fenstergrund (cat. A/h): 750 g/l (2010). 2K-Fenstergrund contains a maximum of 700 g/l VOC.

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**Safety-related information**


Further information on the subject of safety during transport, storage and handling as well as disposal can be found in the relevant safety data sheet. The current version can be accessed on the Internet at **[www.adler-lacke.com](http://www.adler-lacke.com)**.

The product is only suitable for the industrial and professional use  
 Inhaling paint aerosols whilst spraying must generally be avoided. This is ensured by correctly using a respiratory mask (combination filter A2/P2).

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