

ADLER 2K-Fenstergrund

69510

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

PRODUCT DESCRIPTION

General

Solvent-based transparent bicomponent 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 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
- Only warranty coating system for Iroko.

PROCESSING

Instructions for use

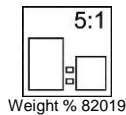


Spraying is only allowed in spray booths complying with the VOC Directive.

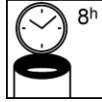
- Please stir the product before use. However, prevent entry of air while stirring.
- The temperature of the product and object, and the room temperature must be at least + 15 °C.
- Sealants must be compatible with the coat and may only be applied once the paint has dried through. Weather strips containing plasticizers tend to adhere in combination with paints. Please only use those types that have been tested.
- Please follow our "**Working guideline for coating dimensionally stable and limited dimensionally stable construction elements**" along with all standards and guidelines for window construction.

Mixing ratio

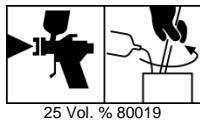
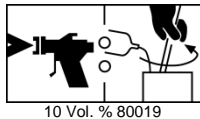
5 part by weight of ADLER 2K-Fenstergrund 69510
1 part by weight of ADLER PUR-Härter 82019

**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.

Application technique

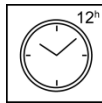
Application method	Airless	Airless air-supported (Airmix, Aircoat, etc.)	Cup gun
Spraying nozzle (ø mm)	0.23 - 0.28	0.23 - 0.28	1.8
Spraying pressure (bar)	100 - 120	100 - 120	3 - 4
Atomising air (bar)	1 - 2	1 - 2	
Dilution (thinning)	ADLER DD-Verdünnung 80019		
Thinner amount added in %	10	10	25
Viscosity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

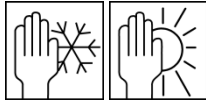
Cleaning the working equipment

With ADLER DD-Verdünnung 80019.



SUBSTRATE	
Type of substrate	Fine pored and coarsely porous hardwoods, softwood.
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	<p>Hardwoods and softwoods: 1 x Aquawood TIG HighRes 5432 ff Intermediate drying: approx. 4 hours</p> <p>Please observe the relative technical data sheets of the products.</p>
Intermediate coat	<p>Hardwoods and softwoods: 1 x 2K-Fenstergrund 69510</p> <p>Iroko and Siberian Larch: 1 x 2K-Fenstergrund 69510 Intermediate drying: at least 4 hours</p>
Intermediate sanding	<p>Grit size 280 - 320</p> <p>Remove the wood dust.</p>
	
Topcoat	<p>1 x Aquawood DSL Q10 SG 59198 ff or 1 x Aquawood Fensterlasur SG 53810 ff or Aquawood Fensterlasur HF SG 53845 ff</p> <p>For overpainting without intermediate sanding, a drying time between at least 12 and max. 24 h at room temperature must be observed!</p> <p>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.</p>
ORDERING INFORMATION	
Size of trading unit	4 kg; 20 kg
Color shades/degree of gloss	Farblos 69510
Supplementary products	<p>Aquawood TIG HighRes 5432 ff Aquawood DSL Q10 SG 59198 ff Aquawood Fensterlasur SG 53810 ff Aquawood Fensterlasur HF SG 53845 ff ADLER DD-Verdünnung 80019</p>

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

Delivery viscosity	approx. 38 s in accordance with 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.

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.
