

ADLER 2K-Fenstergrundlack

69511 ff

Solvent-based white primer and intermediate coat for industrial and professional use

PRODUCT DESCRIPTION

General

Solvent-based, 2-component pigment primer and intermediate coat with excellent pore wetting and short drying times.

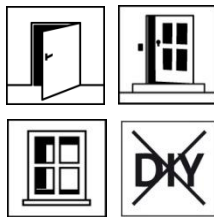
The product is formulated without addition of aromatic solvents.

Special Properties and Standards



- Particularly high insulation property for wood extractives.
- Consolidates the wood ground and causes a heavy hydrophobation (water-repellent effect).
- **French Ordinance DEVL1104875A** regarding the labelling of construction coating products with respect to their emission of volatile pollutants: A+

Application area



Intermediate coat for the opaque coating of windows and doors made of hard- and softwood.

Only guaranteed structure for Iroko.

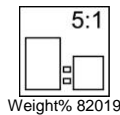
PROCESSING

Instructions for use



Spraying is permitted only in spraying booths, which are subject to the VOC guidelines.

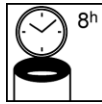
- Please stir the product before use. But avoid entry of air while stirring it.
- The temperature of the product and object, and the room temperature must be at least +15 °C.
- Very large dry film thicknesses beyond about 120 µm lower the diffusion capability and hence, should be avoided.
- Sealants must be such that they can be coated and should be applied only after through-drying of the paint. Weather strips containing softening agents or plasticizers tend to adhere in combination with paints. Please use only those types that have been tested in this connection.
- Please follow our "**Working guidelines for dimensionally stable and limited dimensionally stable components**" along with all standards and guidelines for window construction.

Blending ratio

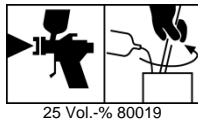
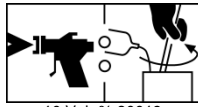
5 parts by weight of ADLER 2K-Fenstergrundlack 69511 ff
1 part by weight of ADLER PUR-Härter 82019

or

3,5 parts by volume of ADLER 2K-Fenstergrundlack 69511 ff
1 part by volume of ADLER PUR-Härter 82019

Pot Life

1 working day; the mixture can still be used for processing on the next day, but it must be mixed 1:1 with freshly hardened material; it is not possible to extend the pot life beyond this.

Application technique

Application method	Airless	Airless pressurized (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
Spraying 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) ¹⁾	ca. 300		
Wet film (µm)	100 - 200		
Dry film (µm)	40 - 80		
¹⁾ Yield including loss while spraying			

The product is readymade for spraying.

The shape and properties of the substrate and wood moisture affect the consumption / yield. Accurate values for consumption must be obtained by applying trial coats in advance.

Drying times

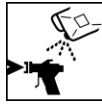
(at 23 °C and 50 % rel. humidity)



Dust-dry (ISO 1517)	After approx. 1 hour
Tack-free	After approx. 2 hours
Can be sanded	After approx. 4 hours
Can be recoated by solvent-based paints	After approx. 4 hours
Can be recoated by water-based paints	After approx. 12 hours

The figures indicated serve as a guide and are for reference. The drying time depends on the type of wood, coat thickness, temperature, air exchange and relative atmospheric humidity.

Cleaning the working equipment



With ADLER DD-Verdünnung 80019

SUBSTRATE

Type of substrate

Hard- and softwood, MDF (qualities which are convenient for outdoor exposure)

Substrate property (or condition)

The substrate must be dry, clean, and capable of holding the paint, and it must be free of grease and wax and free from wood dust.

Wood moisture

Stable structures 13 % +/- 2 %.

COATING SYSTEM

Primer coat

Hard- and softwood:

Apply 1 coat of Aquawood TIG Weiß 51253
Drying time at least 4 hours

Front doors MDF:

Apply 1 coat of ADLER 2K-Fenstergrundlack 69511 ff 200 µm

Note: first prespray or paint the millings, minimum 4 hours drying, intermediate sanding grain 280-320, than spray the surfaces, afterwards minimum 12 hours drying.

Structure with maximal insulation effect for difficult hardwood:

Apply 1 coat of ADLER 2K-Fenstergrundlack 69511 ff, 200 µm
Drying time at least 4 hours

Please observe the relative technical data sheets of the products.

Intermediate sanding



Hard- and softwood:

Sanding grain size 280 – 320

Structure with maximal insulation effect for difficult hardwood:

Grain size 240 – 280

Remove wood dust.

Please observe the relative technical data sheets of the products.

Intermediate coating

Hard- and softwood:

Apply 1 coat of ADLER 2K-Fenstergrundlack 69511 ff 150 – 200 µm
Drying time at least 12 hours, no intermediate coating

Front doors MDF:

Apply 1 coat of ADLER Acryl-Fensterfüller 41017 150 – 200 µm
Drying time at least 4 hours

Structure with maximal insulation effect for difficult hardwood:

1 x ADLER 2K-Fenstergrundlack 69511 ff, 100 µm
Drying time at least 12 hours, no intermediate coating

Please observe the relative technical data sheets of the products.

Intermediate sanding



Only for front doors MDF:

Grain size 280-320

Remove wood dust.

Topcoat

Apply 1 coat of ADLER Acryl-Spritzlack Q10 M 4220 or ADLER Acryl-spritzlack Q10 G 4325
wet-film thickness 150 - 200 µm

Alternative for front doors: 1x Aquawood Protor-Finish D 5173

To recoat with ADLER Acryl-Spritzlack Q10 M 4220 without an intermediate sanding there must be observed a drying time of at least 12 and maximum 24 hours at room temperature!

More than 24 hours of drying time require an intermediate sanding right before the application of the topcoat. Please avoid drying times of more than 3 days before applying the top coat.

Please observe the relative technical data sheets of the products.

PRESERVATION & RENOVATION**Preservation**

The storage stability depends on several factors. These include particularly the type of weathering, constructive protection, mechanical stress and the choice of colour shades applied.

Preservation work must be carried out in time for a long period of storage stability. Annual maintenance is recommended for this purpose.

Windows: Cleaning with the help of ADLER Top-Cleaner 51696 is adequate (in case of severe dirt and contamination) Preservation with ADLER Top-Finish should not be carried out on account of the risk of streaking.

Front doors: Cleaning with ADLER Top-Cleaner 51696 and preservation using ADLER Door-Finish 51700 in the ADLER Haustürenpflegeset (front door preservative kit) 51709.

MDF front doors with Aquawood Protor-Finish: Repair of small damages with original material. Aquawood Protor-Finish by single-component coating, diluted with approx.10% Streichverdünnung for Aquawood DSL 80085

Please observe the relative technical data sheets of the products.

Refurbishing

Refurbishing with ADLER Aqua-Isoprimer PRO 41005 and ADLER Varicolor 41201 ff or, in case of greyed wood, with Pullex Renovier-Grund 50236 ff and ADLER Samtalkyd 52351 ff or Pullex Color 50530 ff.

Please observe the relative technical data sheets of the products.

ORDERING INFORMATION**Container sizes**

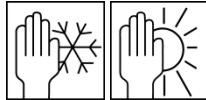
4 kg; 20 kg

Colour shades / Degree of gloss

Weiß/white	69511
Grün/green approx. RAL 6009	69512
RAL 3011	69513

Supplementary products

Aquawood TIG Weiß 51253
 Aquawood Protor-Finish D 5173
 ADLER Acryl-Spritzlack Q10 M 4320
 ADLER Acryl-Spritzlack Q10 G 4325
 ADLER Top-Cleaner 51696
 ADLER Top-Finish 51697
 ADLER Pflegeset-Plus 51695
 ADLER Door-Finish 51700
 ADLER Haustürenpflegeset 51709
 ADLER Aqua-Isoprimer PRO 41005
 ADLER Varicolor 41201 ff
 ADLER Samtalkyd 52351 ff
 ADLER PUR-Härter 82019
 ADLER Acryl-Fensterfüller 41017
 ADLER DD-Verdünnung 80019
 Pullex Color 50530 ff
 Pullex Renovier-Grund 50236 ff

FURTHER DETAILS**Durability / Storage**

At least 1 year in the original sealed containers.

Store it such that it is protected against moisture, direct sunlight and high temperatures (over 30°C).

Technical Specifications

Delivery viscosity	Approx. 38 sec. in accordance with DIN 53211 (4 mm cup, 20°C)
VOC content	EU limit value for 2K-Fenstergrund (Cat. A/h): 750 g/l (2010). 2K-Fenstergrund contains max. 700 g/l VOC (Volatile Organic Compounds).

Safety-relevant information

Please follow the associated safety data sheet! The latest version can be retrieved from the Internet at www.adler-lacke.com.