

## 2K-Fenstergrund

5712

Solvent-based, colourless primer and intermediate coat for industry and trade

### PRODUCT DESCRIPTION

#### General

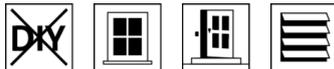
Solvent-based, colourless 2C primer and intermediate coat. Outstanding pore wetting and short drying times. Without the addition of aromatic solvents. Especially good insulating effect for active substances in the wood. Reinforces the wood substrate and creates strong hydrophobisation (water repellent effect).

#### Special properties and standards



- **French ordinance DEVL1104875A**  
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 and interior use, such as e.g. wooden windows, front doors, window shutters, gates, winter garden.

### PROCESSING

#### Processing instructions



- **Spraying is only allowed in spray booths complying with the VOC Directive.**
- 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 %.
- Too little quantity applied, too heavy intermediate sanding and/or increased thinning will reduce the insulation effect!
- Do not close containers with hardened material.
- Any change in the processing sequence, environmental conditions, non-observance of instructions or the use of products not listed may have an unfavourable effect on the result. Deviations lead to film and adhesion problems as well as to impairments with regard to weathering and color stability.
- 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.

**Blending ratio**

5 Part(s) by weight 2K-Fenstergrund (5712)  
1 Part(s) by weight PUR-Hardener 8419 (8419000210)

2K-Fenstergrund (5712) can only be used with a hardener and in the mixing ratio specified. Deviations lead to film and adhesion problems.

PUR-Hardener 8419 (8419000210) must be carefully worked into the product by stirring before processing.

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

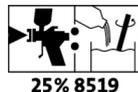
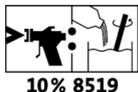
**Pot life**

8 hour(s)

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**

	Airless	Airless air-supported (Airmix®, Aircoat, etc.)	Cup gun
Spraying nozzle Ø (mm)	0,23 - 0,28		1,8
Spraying pressure (bar)	100 - 120		3 - 4
Vaporizer Air (bar)	-	1 - 2	-
Diluent	DD-Verdünner 8519 (8519)		
Diluent amount added (%)	10		25
Viscosity 4-mm-cup (s)	22 - 24		18 - 20
Applied quantity per application (ml/m <sup>2</sup> )	100 - 200		
Wet film (µm)	100 - 200		

The product is ready to use.

The shape and surface condition of the workpiece as well as the type of application influence the actual consumption. Accurate values for consumption must be obtained by applying trial coats in advance.

**Drying times**

(at 23 °C and 50 % rel. humidity)



Grindable	4 h
Recoatable (solvent-based paints)	4 hour(s)
Recoatable (water-based paints)	12 hour(s)

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.

Avoid direct sunlight!

### Cleaning the working equipment



8519



7215

With DD-Verdünner 8519 (8519) or Aceton-Waschmittel (7215) immediately after use.

## SUBSTRATE

### Type of substrate

Wood in accordance with the guidelines for window construction.

### 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

13 % ± 2 %

## COATING SYSTEM

### General

The following coating systems are exemplary.

### Impregnation

#### Hardwoods and softwoods:

1 x Aquawood Primo (5453)

Intermediate drying time: approx. 4 hours

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

Please follow our **ARL 056 - Working guideline for the use of wood preservatives.**

### Intermediate coat

#### Hardwoods and softwoods:

1 x 2K-Fenstergrund (5712)

#### Iroko and Siberian Larch:

2 x 2K-Fenstergrund (5712)

Intermediate drying: approx. 4 hour(s)

### Intermediate sanding



Grit size 280 – 320

Remove sanding dust.

### Finishing coat

1 x Aquawood Finatop 40 (5140)

or

1 x Aquawood Finapro 20 (5101)

For recoating without intermediate sanding, it is essential to allow the surface to dry for at least 12 and not more than 24 hours at room temperature!

**If the surface is allowed to dry for more than 24 hours, it should be sanded immediately before applying the topcoat. In general, you should avoid allowing the surface to dry for longer than a week before applying the topcoat.**

### For front doors

An additional application of Aquawood Protect (5128) (colourless two-component varnish) is necessary.

## ORDERING INFORMATION

### Size of trading unit

4 kg, 20 kg

### Colour shades / Glosslevels

**Standard colour(s):**  
Farblos (5712000200)

It is recommended to prepare a trial colour sample on the original substrate using the coating system selected in order to assess the final colour shade.

### Supplementary products

Aceton-Waschmittel (7215)  
Aquawood Finapro 20 (5101)  
Aquawood Finatop 40 (5140)  
Aquawood Primo (5453)  
Aquawood Protect (5128)  
DD-Verdünner 8519 (8519)  
PUR-Hardener 8419 (8419000210)

Please refer to the corresponding technical data sheets of the products.

## FURTHER DETAILS

### Durability / storage



Min. 1 year(s) in the original sealed containers.

Make sure the product is protected against moisture, direct sunlight, frost and high temperatures (above 30 °C).

Close opened containers well and use up the content as soon as possible.

### Technical specifications

VOC content of the ready-to-use mixture: Limit value according to Directive 2004/42/EC for 2K-Fenstergrund (Cat A/h): 750 g/l.  
2K-Fenstergrund contains a maximum of 750 g/l VOC.

### Safety information



The product is only suitable for the industrial and professional use.

The inhalation of paint aerosols during spray application must generally be avoided. This is ensured by the proper use of a respirator (combination filter A2/P2).

When sanding, use at least a P2 dust filter as personal safety equipment to protect against abrasive and wood dust.

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).