

## Vivido 2K-Epoxy-Primer Uni

5604

Solvent-based **anticorrosive primer** and **adhesion promoter** for professional and industrial use

### PRODUCT DESCRIPTION

#### General

Solvent-based two-component primer coating based on epoxy resins for exterior and interior use. The product is characterised by excellent anticorrosive performance on steel, excellent adhesion to aluminium, zinc and non-ferrous metals, good adhesion to various coatable plastics and is suitable for consolidation of MDF.

#### Application area



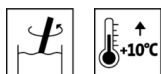
Metal constructions made of iron, steel, non-ferrous metals with zinc, aluminium and copper.

Materials made of coatable, solvent-resistant plastics such as hard PVC.

High-quality wooden front doors of moisture resistant MDF.

### 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 +10 C.
- The optimal conditions for use are between 10 - 25 °C with a relative atmospheric humidity between 40 - 80 %.
- Do not close containers with hardened material.
- The color shade, compatibility and adhesion to the substrate must be checked by creating sample panels.
- 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.

#### Blending ratio



7 Part(s) by weight Vivido 2K-Epoxy-Primer Uni (5604)  
1 Part(s) by weight Vivido Epoxy-Hardener 8442 (8442000210)

Vivido 2K-Epoxy-Primer Uni (5604) can only be used with a hardener and in the mixing ratio specified. Deviations lead to film and adhesion problems.

Vivido Epoxy-Hardener 8442 (8442000210) 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)

A further extension of the pot life is not possible.

Increased temperatures reduce the pot life.

**Application technique**

|                                                 | Cup gun                           | Brushing                           | Rolling |
|-------------------------------------------------|-----------------------------------|------------------------------------|---------|
| <b>Spraying nozzle Ø (mm)</b>                   | 1,8 - 2,0                         | -                                  | -       |
| <b>Spraying pressure (bar)</b>                  | 2,0 - 2,5                         | -                                  | -       |
| <b>Diluent</b>                                  | Epoxy-Spritzverdünner 8011 (8011) | Epoxy-Streichverdünner 8012 (8012) |         |
| <b>Diluent amount added (%)</b>                 | 20 - 25                           | 5 - 10                             |         |
| <b>Applied quantity per application (ml/m²)</b> | 100 - 125                         |                                    |         |

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)



|            |                       |
|------------|-----------------------|
| Recoatable | approx. 3 - 4 hour(s) |
| Sandable   | approx. 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**

8012



8011



7215

With Epoxi-Streichverdünner 8012 (8012) or Epoxi-Spritzverdünner 8011 (8011) or Aceton-Waschmittel (7215) immediately after use.

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

Iron and steel, non-ferrous metals, hard PVC and coatable plastics  
MDF panels

**Substrate property**

The substrate must be dry, clean, sound and free from separating substances such as grease, wax, silicone, resin, etc., and must be checked for suitability for coating.

Please observe the additional documents:

- ÖNORM B 2230-1
- ÖNORM B 3430-1
- DIN 18363
- Current BFS information sheets

**Substrate preparation****Iron and steel:**

Remove rust down to bare metal. Thoroughly remove greasy or oily impurities using Clean Multi-Entfetter (7233).

**Zinc, aluminium and other non-ferrous metals:**

Sand until matt with abrasive fleece and Clean Multi-Entfetter (7233).

**Hard PVC and coatable plastics:**

Sand until matt with abrasive fleece and Clean Multi-Entfetter (7233).

**MDF panels:**

Sand with grit size 150 and clean.

**Old coatings:**

Sand with grit size 120 and clean. Remove old coatings that cannot be recoated. The compatibility of the paint must be tested on old coats of synthetic resin (risk of "lifting").

## COATING SYSTEM

**Primer coat****Iron and steel:**

Indoors: 1 x Vivido 2K-Epoxy-Primer Uni (5604)

Outdoors: 2 x Vivido 2K-Epoxy-Primer Uni (5604)

**Zinc, aluminium and other non-ferrous metals:**

1 x Vivido 2K-Epoxy-Primer Uni (5604)

Sand anodised aluminium and stainless steel very well until matt and prime within 60 minutes with Vivido 2K-Epoxy-Primer Uni (5604).

**Hard PVC and coatable plastics:**

1 x Vivido 2K-Epoxy-Primer Uni (5604)

Due to the large number of plastic materials, an adhesion test is recommended.

**Only for front doors in MDF quality**

Pre-coat millings and edges with Vivido 2K-Epoxy-Primer Uni (5604) non diluted.

Intermediate drying: approx. 4 hour(s)

Spray the whole area.

Intermediate drying time: approx. 12 hours (over night)

Slight smooth sanding Grit size 240

Please follow our **ARL 305 - Working guideline for coating dimensionally stable and limited dimensionally stable construction elements - Coating of front doors and garage doors.**

**Intermediate sanding**

Grit size 240

Remove sanding dust.

**Intermediate/finishing coat**

Vivido 2K-Epoxy-Primer Uni (5604) can be recoated with practically any solvent and water-based intermediate and top coats. An exception are chlorinated rubber paints, which are practically no longer used however (swimming pool coatings, heavy-duty corrosion protection).

## ORDERING INFORMATION

**Size of trading unit**

920 g and 3.45 kg (dual container including hardener)

**Colour shades / Glosslevels****Standard colour(s):**

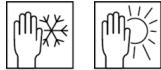
Hellgrau, Zink (5604071698)

Weiß (5604071806)

**Supplementary products**

Aceton-Reiniger (7215)  
 Clean Multi-Entfetter (7233)  
 Vivido Epoxy-Hardener 8442 (8442)  
 Epoxy-Spritzverdünner 8011 (8011)  
 Epoxy-Streichverdünner 8012 (8012)

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

**FURTHER DETAILS****Durability / storage**

Min. 3 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 Vivido 2K-Epoxy-Primer Uni (Cat A/h): 750 g/l.  
 Vivido 2K-Epoxy-Primer Uni contains a maximum of 530 g/l VOC.

**Giscode**

RE75

**Safety information**

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

When sanding, use at least a P2 dust filter as personal safety equipment to protect against abrasive and wood dust. In case of hardwood (especially for Beech, Oak) a dust filter P3 is recommended.

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).

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).