

## Vivido Alkyd-Primer

4501

Solvent-based **primer and intermediate coating** with an excellent **stain-blocking effect** on wood for DIY and professional use

### PRODUCT DESCRIPTION

#### General

White primer and intermediate coating based on special resins with anticorrosive performance. Also suitable for small-area stain-blocking of nicotine marks in interior applications.

#### Application area



Wood for interior and exterior use

Very good adhesion on various plastics such as PVC, polyurethane and polyester.

Iron and steel in interior applications – on zinc and aluminium (use Vivido Aqua-Primer Multi (4129), Vivido 2K-Epoxy-Primer Uni (5604) or Vivido Alkyd-Primer Uni (4516)).

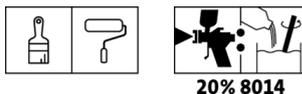
### PROCESSING

#### 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 + 5 °C.
- The optimal conditions for use are between 15 - 25 °C with a relative atmospheric humidity between 40 - 80 %.
- Do not process it under conditions of intense sunlight, rain, extremely high humidity, strong wind or pending frost.
- 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. Deviations lead to film and adhesion problems as well as to impairments with regard to weathering and color stability.
- Please follow our **ARL 505 - Working guideline for alkyd resin coatings/-glazes and oils.**

#### Application technique



	Cup gun	Brushing	Rolling
Spraying nozzle Ø (mm)	1,8 - 2,0	-	-
Spraying pressure (bar)	2,0 - 2,5	-	-

1-1 IMC 4501 | 03/26 | replaces 1-0

ADLER-Werk Lackfabrik, A-6130 Schwaz

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Our instructions are based on the current state of knowledge and are intended to advise the buyer/user to the best of our knowledge, but must be individually adapted to the areas of application and processing conditions. The buyer/user is responsible for deciding on the suitability and use of the supplied product, which is why we recommend that a sample be produced to check the suitability of the product. In all other respects, our General Terms and Conditions of Sale apply. All previous data sheets lose their validity with this edition. We reserve the right to make changes to container sizes, color shades and available gloss levels.



<b>Diluent</b>	KH-Spritzverdünner (8014)	-
<b>Diluent amount added (%)</b>	20	-
<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)



Dust-dry (ISO 1517)	approx. 2 hour(s)
Tack-free	approx. 4 hour(s)
Recoatable	approx. 6 hour(s)
Sandable	approx. 18 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.

To ensure perfect drying, good room ventilation must be provided.

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

On types of woods rich in extracts (such as oak, iroko), drying may be delayed.

Avoid direct sunlight!

For good thorough drying, the recommended application quantities must be adhered to. Excessive layer thicknesses lead to a considerable drying delay!

### Cleaning the working equipment



With Adlerol-Terpentinölersatz (7231) or KH-Spritzverdünner (8014) immediately after use.

## SUBSTRATE

### Type of substrate

Wood and wood-based materials / Durable wood coatings / Coatable plastics / Iron and steel

### 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.

A prerequisite for ensuring long durability of the coating is to observe the basic principles of constructional wood preservation.

Please observe the additional documents:

- ÖNORM B 3430-1
- ÖNORM B 2230-2
- DIN 18363
- Current BFS information sheets

### Wood moisture

13 % ± 2 %

### Substrate preparation

**Wood and wood-based materials:**

Break sharp edges and remove any wood extractives such as resins and resin galls. Wood sanding Grit size 120 - 150

Clean resin-rich woods and exotic woods with drying retardants with Nitro-Verdünner 8017 (8017).

Iron and steel, indoors

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

**Hard PVC and coatable plastics:**

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

**Old coatings:**

Sand with grit size 120 and clean. Remove old coatings that cannot be recoated. The compatibility of the coating must be checked on intact old coatings.

## COATING SYSTEM

### Impregnation

**Wood and wood-based materials:**

If necessary, impregnate outdoors once with Pullex Imprägnier-Grund (4436) (applies to timbers of durability class 3-5 according to EN 350) to protect against blue stain, fungal decay and insect infestation.

Intermediate drying time: approx. 12 hour(s)

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**.

### Primer coat

1 – 2 x Vivido Alkyd-Primer (4501)

### Intermediate sanding



Grit size 240

Remove sanding dust.

### Finishing coat

2 x Vivido Samtalkyd (4514) or 2 x Vivido Brilliantalkyd (4503)

## ORDERING INFORMATION

### Size of trading unit

375 ml, 750 ml, 2.5 l

### Colour shades



**Standard colour(s):**

Weiß, tönbar (4501049100)

Colour shades can be obtained using the **ADLER colour mixing system Color4You**.

**Base paint(s):**

Vivido Alkyd-Primer Weiß, tönbar (4501049100)

In order to ensure uniformity of the colour shade, use only material with the same batch number on a given surface.

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.

Please consume blended products within 3 months.

Please observe our **ARL 800- Working guideline for working (including care and maintenance) with ADLER Mix, PUR Mix and Color4You dosing machines**.

**Supplementary products**

Vivido Aqua-Primer Multi (4129)  
 Pullex Imprägnier-Grund (4436)  
 Vivido Brilliantalkyd (4503)  
 Vivido Samtalkyd (4514)  
 Vivido Alkyd-Primer Uni (4516)  
 Vivido 2K-Epoxy-Primer Uni (5604)  
 Adlerol-Terpentinölersatz (7231)  
 Entfetter (7233)  
 KH-Spritzverdünner 8014 (8014)

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).

We recommend to transfer the contents of open containers to smaller ones in order to prevent gelling / skin formation.

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 Alkyd-Primer (Cat A/i): 500 g/l.  
 Vivido Alkyd-Primer contains a maximum of 440 g/l VOC.

**Giscode**

BSL40

**Declaration of ingredients according to VdL-RL 01**

alkyd resins / inorganic white pigments / aliphatic compounds / anti-corrosion pigments / additives / drying agents (siccatives) / anti-skin agent

**Safety information**

During sanding use P2 / P3 dust filter. Do not inhale spray mist. Use combination filter A2 / P2 and safety goggles.

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).