

# Technical data sheet

## Vivido Alkyd-Primer-Metal

4512

 Solvent-based **corrosion protection primer** for **DIY and trade**

### PRODUCT DESCRIPTION

#### General

Solvent-based corrosion protection primer formulated with short-oil alkyd resins with pigmentation that is free of lead and zinc chromate, for indoor and outdoor use. Stand-out features of this product include an outstanding rust protection effect on iron and steel, very fast drying and outstanding coverage. Long-term temperature resistance up to 70 °C.

#### Application area

Metal constructions and machines made of iron and steel



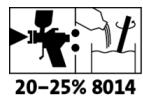
### PROCESSING

#### 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 10 - 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	-	-
Diluent	KH-Spritzverdünnung (8014)	-	-

Diluent amount added (%)	20 - 25	-
Applied quantity per application (ml/m <sup>2</sup> )	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)



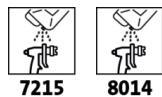
Recoatable after	approx. 1 - 2 hour(s)
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The figures given above are reference values. The drying time depends on the type of substrate, coat thickness, temperature, air exchange and relative atmospheric humidity.

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

Avoid direct sunlight!

**Cleaning the working equipment**



With Aceton-Waschmittel (7215) or KH-Spritzverdünner 8014 (8014) immediately after use.

## SUBSTRATE

**Type of substrate**

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.

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 Entfetter (7233).

**Old coatings:**

Sand intact old coatings 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.

The compatibility of the paint must be tested on old coats of synthetic resin (risk of "lifting").

## COATING SYSTEM

**Primer coat**

Indoors: 1 x Vivido Alkyd-Primer-Metal (4512)

Outdoors: 2 x Vivido Alkyd-Primer-Metal (4512)

**Intermediate sanding**



Grit size 240 – 280

Remove sanding dust.

**Intermediate/finishing coat**

Vivido Alkyd-Primer-Metal (4512) can be painted over with most conventional solvent-based intermediate and top coats. Particularly suitable are:

Vivido Samtalkyd (4514)  
 Vivido Brilliantalkyd (4503)  
 Vivido Expresslack (4504)

Recoating with 2K PUR coatings such as Vivido 2K-PU-Multilack G (4527) or Vivido 2K-PU-Multilack M (4526) should possibly be carried out within 2 days to avoid lifting.

**ORDERING INFORMATION****Size of trading unit**

750 ml, 2.5 l

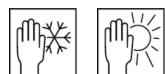
**Colour shades**

**Standard colour(s):**  
 Weiß (4512050000)  
 Grau (4512081826)  
 Rotbraun (4512079330)

**Supplementary products**

Vivido 2K-PU-Multilack G (4527)  
 Vivido 2K-PU-Multilack M (4526)  
 Aceton-Waschmittel (7215)  
 Vivido Brilliantalkyd (4503)  
 Entfetter (7233)  
 Vivido Expresslack (4504)  
 KH-Spritzverdünner 8014 (8014)  
 Vivido Samtalkyd (4514)

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

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

Min. 5 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 Alkyd-Primer-Metal (Cat A/i): 500 g/l.  
 Vivido Alkyd-Primer-Metal contains a maximum of 460 g/l VOC.

**Giscode**

BSL60

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

alkyd resins / inorganic white and coloured pigments / organic pigments / mineral agents / anti-corrosion pigments / aliphatic compounds / wetting agent / surface additive / 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).