

Technical data sheet

Vivido Kupferlack

4510

Solvent-based **metallic-effect coating** for **interior and exterior use** for DIY and professional use

PRODUCT DESCRIPTION

General

Water-resistant, thixotropic, metallic silk-gloss effect coating based on alkyd resins with anticorrosive performance. Heat-resistant up to 150 °C.

Application area

For the coating of wood and metal indoors and outdoors.



PROCESSING

Processing instructions



- 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 %.
- The color shade, compatibility and adhesion to the substrate must be checked by creating sample panels.
- **Spraying is only allowed in spray booths complying with the VOC Directive.**
- 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.

Application technique



10% 8014

80 -
100 ml
↓
1 m²

	Cup gun	Brushing	Rolling
Spraying nozzle Ø (mm)	1,8 - 2,0	-	-
Spraying pressure (bar)	2,0 - 2,5	-	-
Diluent	KH- Spritzverdünner (8014)	-	-
Diluent amount added (%)	10	-	-
Applied quantity per application (ml/m²)	80 - 100		

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)
Recoatable	approx. 8 - 10 hour(s)
Final hardness	ca. 7 day(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.

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

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

Avoid direct sunlight!

Cleaning the working equipment



8014

With KH-Spritzverdünner (8014) immediately after use.

SUBSTRATE

Type of substrate

Iron and steel

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 2230-2
- 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).

Old coatings:

Sand with grit size 120 and clean.

Unsound coatings must be completely removed.

COATING SYSTEM

Primer coat

Iron and steel:

1 x Vivido Kupferlack (4510)

Zinc, aluminium and other non-ferrous metals:

1 x Vivido Alkyd-Primer Uni (4516) or Vivido 2K-Epoxy-Primer Uni (5604)

Old coatings:

The compatibility of the coating must be checked on intact old coatings.

Intermediate sanding



Grit size 240
Remove sanding dust.

Intermediate coat

Iron and steel:
Not required for interior use.
Zinc, aluminium and other non-ferrous metals:
1 x Vivido Kupferlack (4510)

Finishing coat

1 x Vivido Kupferlack (4510)

ORDERING INFORMATION

Size of trading unit

375 ml, 750 ml

Colour shades / Glosslevels

Standard colour(s):
Kupfer (hell) (4510080975)
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.
Colour shade Old Copper can be tinted via the **ADLER colour mixing system Color4you**.
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Please consume blended products within 3 months.

Supplementary products

KH-Spritzverdünner 8014 (8014)
Clean Multi-Entfetter (7233)
Vivido Alkyd-Primer Uni (4516)
Vivido 2K-Epoxy-Primer Uni (5604)
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 Kupferlack (Cat A/i): 500 g/l.
Vivido Kupferlack contains a maximum of 500 g/l VOC.

Giscode

BSL40

Declaration of ingredients according to VdL-RL 01

alkyd resins / effect pigments / aliphatic compounds / coat binding agent / anti-skin agent / drying agents (siccatives) / additives / ester

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**.

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