

Technical data sheet

Vivido Aqua-Primer Multi

4129

Water-based **anti-corrosion primer** and **adhesion promoter** for DIY and professional use

PRODUCT DESCRIPTION

General

Water-based, thixotropic, drip-inhibited anti-corrosion primer based on an acrylate dispersion for interior and exterior use. The product is characterised by very good anti-corrosion performance on iron and steel, as well as excellent application properties and flow. Low-odour and environmentally friendly.

Special properties and standards



- **declared product in baubook**
Criteria of the "Baubook Ökologisch ausschreiben" fulfilled

- **French ordinance DEV1104875A**
Marking of construction coating products for their emission of volatile pollutants: A+

Application area



For coating iron, zinc, aluminium and other non-ferrous metals indoors and outdoors

Application in combination with a suitable topcoat system.

PROCESSING

Processing instructions



- 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 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 isolating effect!
- For application by brushing, an acrylic brush is recommended. Rolling is done using a short hair roller.
- Early exposure to water from rain or dew must be prevented!
- Carefully cover and mask areas which are not to be coated.
- 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.

Application technique

	Cup gun	Brushing	Rolling
Spraying nozzle Ø (mm)	1,8 - 2,0	-	-
Spraying pressure (bar)	2,0 - 2,5	-	-
Diluent	Water		
Diluent amount added (%)	10 - 20	0 - 5	
Applied quantity per application (ml/m²)	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)



Sandable and recoatable:

approx. 6 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

With water immediately after use.

To remove dried product residues we recommend using Abbeizer Express (8313).

SUBSTRATE**Type of substrate**

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

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

Substrate preparation**Iron and steel:**

Remove rust down to bare metal. Sand until matt with abrasive fleece and Entfetter (7233).

Zinc, aluminium and other non-ferrous metals:

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

Hard PVC and coatable plastics:

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

Old coatings:

Sand intact old coatings with grit size 120 and clean. Remove old coatings that cannot be recoated.

COATING SYSTEM

Primer coat

Iron and steel:

Indoors: 1 x Vivido Aqua-Primer Multi (4129)

Outdoors: 2 x Vivido Aqua-Primer Multi (4129)

Zinc, aluminium and other non-ferrous metals:

1 x Vivido Aqua-Primer Multi (4129)

Anodised aluminium and stainless steel:

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:

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

1 x Vivido Aqua-Primer Multi (4129)

Intermediate sanding



If necessary, grind the primed surface with grit size 240 – 280.

Remove sanding dust.

Intermediate/finishing coat

Vivido Aqua-Primer Multi (4129) can be painted over with most conventional water-based top coats. Particularly suitable are:

Vivido 5in1-Buntlack Glänzend (4134)

Vivido 5in1-Buntlack Matt (4132)

Vivido Aqua-Finish Nova M (4136)

Vivido Aqua-Finish Nova SG (4137)

Vivido Varicolor (4117)

ORDERING INFORMATION

Size of trading unit

750 ml; 2.5 l

Colour shades

Standard colour(s):

Weiß, tönbar (41095)

Grau (4129055636)

Supplementary products

Abbeizer Express (8313)

Vivido Varicolor (4117)

Vivido Aqua-Primer Iso (4123)

Vivido Aqua-Finish Nova M (4136)

Vivido Aqua-Finish Nova SG (4137)

Vivido 5in1-Buntlack Glänzend (4134)

Vivido 5in1-Buntlack Matt (4132)

Entfetter (7233)

Vivido 2K-Epoxy-Primer Uni (5604)

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 Aqua-Primer Multi (Cat A/i): 140 g/l. Vivido Aqua-Primer Multi contains a maximum of 50 g/l VOC.
Giscode	BSW50
Declaration of ingredients according to VdL-RL 01	<p>acrylic dispersions / inorganic white and coloured pigments / organic pigments / mineral agents / anti-corrosion pigments / water / glycol ether / rheology additives / interface additives / wetting agent / neutralising agents / in-can preservation agents</p> <p>Contains 1,2-benzisothiazol-3(2H)-one, reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1). May cause allergic reactions.</p> <p>Information for allergy sufferers available at Tel. +43 5242 6922-713.</p>
Safety information	<p>The usual protective measures must also be observed when processing low-pollutant products.</p> <p>During sanding use P2 / P3 dust filter.</p> <p>Do not inhale spray mist. Use combination filter A2 / P2 and safety goggles.</p> <p>If medical advice is needed, have the packaging or label ready.</p> <p>If the product comes into contact with your eyes, rinse immediately with water.</p> <p>Ensure good ventilation during application and drying.</p> <p>During work, do not eat, drink or smoke.</p> <p>It should be kept out of reach of children.</p> <p>Do not allow to enter drains, water courses or soil.</p> <p>Only dispose of empty containers for recycling, liquid material residues can be disposed of as water-based paint waste, dried material residues as hardened paint or as household waste.</p> <p>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.</p>