

Vivido Aqua-Edelmatt

4164

Water-based, matt coating for interior spaces, for trade use.

PRODUCT DESCRIPTION

General

Water-based, pigmented matt paint for interior use with a high percentage of natural raw materials (over 70%), formulated with a high-quality acrylate copolymer. Wide range of uses on a diverse range of substrates. This low-odour, eco-friendly product with perfect coverage is block-resistant, easy to use, free from aromatic hydrocarbons and formaldehyde and non-yellowing.

Special properties and standards



- **ÖNORM EN 71-3**
Safety of toys; migration of certain elements (free of heavy metals)



- **DIN 53160-1 and DIN 53160-2**
Perspiration and saliva-proof properties



- **French ordinance DEVL1104875A**
Marking of construction coating products for their emission of volatile pollutants: A+

Application area



Efficient coating on wood, metal, hard PVC, mineral substrates and coatable old surfaces in interior settings.

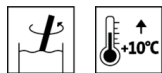
For coating interior doors.

For coating interior wall and ceiling elements.

Not suitable for coating floors.

PROCESSING

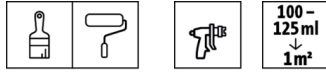
Processing instructions



- Please stir the product before use. However, prevent entry of air while stirring.
- 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 %.
- Use sealing profiles and masking tapes suitable for water-based paints.
- Use the right painting and rolling tools for water-based paints.
- 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. Deviations lead to film and adhesion problems.

Application technique



	Airless	Brushing	Rolling
Spraying nozzle Ø (mm)	0,28 - 0,33	-	-
Spray nozzle (Ø inch)	0,011 - 0,013	-	-
Nozzle angle (°)	20 - 40	-	-
Spraying pressure (bar)	100	-	-
Spraying distance (cm)	25	-	-
Applied quantity per application (ml/m ²)	100 - 125		

The product is ready to use.

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	6 h
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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 water immediately after use.

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

SUBSTRATE

Type of substrate

Wood, wooden materials, metal as well as hard PVC

For absorbent mineral supports such as plasters, concrete, screed, etc. as well as gypsum plaster boards and well-adherent old coatings.

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.

Remove old coatings that cannot be recoated.

Please observe the additional documents:

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

Wood moisture

Hardwoods: 12 ± 2 %

Softwoods: 15 ± 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

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).

Plasters in mortar groups P II and P III:

Allow new plaster application to remain untreated for 3 to 4 weeks. Re-plastered patches must be set well and dried up. If necessary, treat with fluosilicate. On coarsely porous, slightly sanding or absorbent surfaces, apply a primer coat using Aviva Tiefengrund WV (4074).

Gypsum and ready made plasters in mortar groups P IV and P V:

Grind off any sintered coat remaining. On coarsely porous, slightly sanding or absorbent surfaces, apply a primer coat using Aviva Tiefengrund WV (4074).


Concrete surfaces:

Clean concrete surfaces with dirt deposits, separating agents or powder layers mechanically or with the help of pressurised water jets (in compliance with statutory regulations). On coarsely porous, slightly sanding or absorbent surfaces, apply a primer coat using Aviva Tiefengrund WV (4074).

Old coatings:

Sand intact old coatings with grit size 120 and clean.

COATING SYSTEM

General	The following coating systems are exemplary.
Primer coat	<p>Wood and wood-based materials:</p> <p>For colored shades:</p> <p>1 x Vivido Aqua-Edelmatt (4164)</p> <p>White & pastel colours:</p> <p>1 x Aqua-Isoprimer PRO (4123) or Aqua-Isoprimer CT PRO (4162) for optimum insulation</p> <p>Zinc, aluminium and other non-ferrous metals:</p> <p>1 x Aqua-Multiprimer PRO (4129)</p> <p>Hard PVC and coatable plastics:</p> <p>1 x Aqua-Multiprimer PRO (4129)</p> <p>Mineral substrates:</p> <p>1 x Vivido Aqua-Edelmatt (4164)</p> <p>Old coatings:</p> <p>No primer coating is required for intact old coatings, but the compatibility of the coating must be checked.</p> <p>Damaged areas in not intact old coats must be pre-treated according to the respective substrate.</p>
Intermediate sanding	If necessary: Grit size 240 – 280 Remove sanding dust.
	
Intermediate/finishing coat	1 – 2 x Vivido Aqua-Edelmatt (4164)

Topcoat (optional) For a more resilient surface or a higher degree of gloss, you will need to apply an additional coat of 1 x Floor-Finish (4202).

ORDERING INFORMATION

Size of trading unit 4 l

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

Color4You 

Base paint(s):

Vivido Aqua-Edelmatt W10 Weiß, tönbar (4164000010)

Vivido Aqua-Edelmatt Basis W30 (4164000030)

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

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 12 months.

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

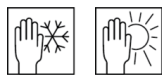
Supplementary products

Abbeizer Express (8313)
Aqua-Isoprimer PRO (4123)
Aqua-Multiprimer PRO (4129)
Aviva Tiefengrund WV (4074)
Entfetter (7233)
Floor-Finish (4202)

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-Edelmatt (Cat A/a): 30 g/l.
Vivido Aqua-Edelmatt contains a maximum of 30 g/l VOC.

Giscode

BSW10

Safety information



The usual protective measures must also be observed when processing low-pollutant products.

During sanding use P2 / P3 dust filter.

If medical advice is needed, have the packaging or label ready.

If the product comes into contact with your eyes, rinse immediately with water.

It should be kept out of reach of children.

Keep out of the reach of children.

Ensure good ventilation during application and drying.

During work, do not eat, drink or smoke.

Do not allow to enter drains, water courses or soil.

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.

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.
