

Aviva Euromin-Weiß Plus

4053

Object silicate interior paint according to DIN 18363 for professional use

PRODUCT DESCRIPTION

General

White, non-film-forming interior paint based on potassium water glass with organic stabilisers in accordance with DIN 18363. Environmentally friendly and recommended for building biology. The product, with excellent covering power, is formulated without solvents, plasticisers, fogging substances or preservatives.

Special properties and standards



- **EN ISO 7783**
Water vapour diffusion current density V: V₁
Water vapour permeability (sd-value): 0.01m



- **ÖNORM EN 13300**
Wet abrasion resistance: R-class 3
Contrast ratio (covering power): H₁₀-class 1 (for 7 m²/l)
Gloss level: G4 dull matt
Maximum grit size: S1 fine



- **French ordinance DEVL1104875A**
Confirmed by an external test certificate.
Marking of construction coating products for their emission of volatile pollutants: A+

Application area



For all white wall and ceiling coatings throughout the interior.
Particularly suitable for mineral substrates and stable silicate coatings.
Especially suitable for the contract sector.

PROCESSING

Processing instructions



- Please stir the product before use.
- A product, object and room temperature of at least + 8 °C is required.
- The optimal conditions for use are between 15 - 25 °C with a relative atmospheric humidity between 40 - 80 %.
- Ensure good ventilation to allow the coating to set.
- To avoid crusts apply the coat at one stroke using the wet-on-wet method.
- Signs of touch-up work on the surface depend on several factors and hence, cannot be avoided (BFS data sheet 25).

- Blend the brush-painted areas well and then roll the surface in one direction.
- Material with the same consistency and batch number as well as the same tools must be used for repairs to the surface.
- The color shade, compatibility and adhesion to the substrate must be checked by creating sample panels.
- When reworking sealants, cracks and discoloration may occur in the coating material. Due to the large number of sealant systems, you should carry out your own tests in individual cases to assess adhesion and processing results.
- Carefully cover and mask areas which are not to be coated. Remove paint splashes immediately with water.
- 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



0-5% H₂O

1l
↓
6-7m²

	Airless	Brushing	Rolling
Spraying nozzle Ø (mm)	0,53 - 0,63	-	
Spray nozzle (Ø inch)	0,021 - 0,026	-	
Nozzle angle (°)	50	-	
Spraying pressure (bar)	150 - 180	-	
Fine strainer (µm)	200	-	
Diluent	Water		
Diluent amount added (%)	0 - 5		
Applied quantity per application (ml/m ²)	150 - 175		
Yield per application (m ² /l)	6 - 7		

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)



12h

Subsequent coating	approx. 12 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.

Cleaning the working equipment



With soap-water immediately after use.

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

SUBSTRATE

Type of substrate

Mineral substrates (plaster, concrete), plasterboard, stable silicate paint coats.

Substrate property

The substrate must be dry, clean, capable of holding the paint, free from separating substances such as grease, wax, silicone, etc. and free from dust, as well as tested 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

Touch up small cracks, holes or unevenness using a suitable filler.

Thoroughly remove greasy or oily impurities using Entfetter (7233).

No pre-treatment is necessary for clean, slightly absorbent, dry and recoatable substrates.

Treat mold infestation indoor with Aviva Schimmelex chlorfrei (8312) or Aviva Fungisan (8308).

Plasters of mortar groups P I, 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, prime with Aviva Silikat Grundierung (4079) diluted 1:1 with water.

In the case of highly absorbent and sanding plaster substrates, apply two coats of Aviva Silikat Grundierung (4079) diluted 1:1 with water, wet on wet.

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, prime with Aviva Silikat Grundierung (4079) diluted 1:1 with water.

Gypsum plaster boards (GKP):

Sand off filler burrs and remove the dust thoroughly. Base coat with Aviva Tiefengrund WV (4074) diluted 1:1 with water. For panels with water-soluble, discoloring ingredients, an additional primer coat with e.g. Aviva Isolier-Weiß CT (4049) is required.

Concrete surfaces:

If there are deposits of dirt, separating agents or chalky layers, the surface should be mechanically cleaned. On coarsely porous, slightly sanding or absorbent surfaces, prime with Aviva Silikat Grundierung (4079) diluted 1:1 with water.

Old coatings:

Remove old coatings that cannot be recoated.

On coarsely porous, slightly sanding or absorbent surfaces, prime with Aviva Silikat Grundierung (4079) diluted 1:1 with water.

Clay plasters:

Clean the substrate. Carry out a test coat under any circumstances and check for possible brown discolorations. Base coating with Aviva Silikat Grundierung (4079) diluted 1:1 with water.

Glue-bound distempers:

Wash off thoroughly and apply a primer coat using Aviva Tiefengrund WV (4074).

Avoid a glossy drying of Aviva Tiefengrund WV (4074).

COATING SYSTEM

Primer coat

See substrate preparation

Intermediate coat

1 x Aviva Euromin-Weiß Plus (4053) undiluted or diluted to a maximum of 5 wt.% water.

Finishing coat	1 x Aviva Euromin-Weiß Plus (4053) unthinned
ORDERING INFORMATION	
Size of trading unit	9l; 15l
Colour shades / Glosslevels	<p>Standard colour(s): Weiß (4053050069)</p> <p>In order to ensure uniformity of the colour shade, use only material with the same batch number on a given surface.</p>
Supplementary products	<p>Aviva Tiefengrund WV (4074) Aviva Silikat Grundierung (4079) Aviva Schimmelex chlorfrei (8312) Aviva Fungisan (8308) Entfetter (7233) Abbeizer Express (8313)</p> <p>Please refer to the corresponding technical data sheets of the products.</p>
FURTHER DETAILS	
<p>Durability / storage</p> 	<p>Min. 2 year(s) in the original sealed containers.</p> <p>Make sure the product is protected against moisture, direct sunlight, frost and high temperatures (above 30 °C).</p> <p>Close opened containers well and use up the content as soon as possible.</p>
Technical specifications	<p>VOC content of the ready-to-use mixture: Limit value according to Directive 2004/42/EC for Aviva Euromin-Weiß Plus (Cat A/a): 30 g/l. Aviva Euromin-Weiß Plus contains a maximum of 0 g/l VOC.</p>
Giscode	BSW10
Declaration of ingredients according to VdL-RL 01	acrylic dispersions / potassium silicate / inorganic white pigments / surface additive / wetting agent / water
<p>Safety information</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>The inhalation of paint aerosols during spray application must generally be avoided. This is ensured by the proper use of a respirator (combination filter A2/P2).</p> <p>Aviva Euromin-Weiß Plus is highly alkaline. Avoid contact with skin and eyes.</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>