

Aviva Silikat-Primer

4079

Silicate-based primer concentrate and thinner for DIY and professional use

PRODUCT DESCRIPTION

General

Water-based primer concentrate based on silicates for priming porous, absorbent and slightly powdery mineral substrates, and as a thinner for Aviva silicate paints. Consolidates powdery or slightly chalky substrates and equalises highly or unevenly absorbent substrates. The product is low-odour and is characterised by excellent penetration and high water-vapour permeability.

Special properties and standards



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

Application area



For absorbent, sandy and slightly chalky mineral substrates such as lime, lime-cement, cement render, natural stone, sand-lime brick, brickwork and old silicate and mineral paint coats for interior and exterior use.

Thinner for Aviva silicate paints.

Especially suitable for protected monuments.

PROCESSING

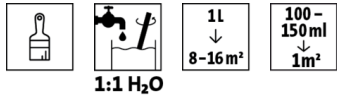
Processing instructions



- Please stir and shake the product well 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 %.
- Application preferably with a brush or scrubbing brush.
- For normally absorbent substrates, use a 1:1 dilution with water; apply undiluted to highly absorbent substrates. In case of highly absorbent and sandy plaster substrates, if necessary apply two preliminary coats using the wet-on-wet method.
- A glossy finish must be avoided under all circumstances.
- Aviva Silikat-Primer must be able to penetrate deeply into the substrate.
- 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. Deviations lead to film and adhesion

problems as well as to impairments with regard to weathering and colour shade stability.

Application technique



	Brushing
Diluent	Water
Diluent amount added (%)	max. 100
Applied quantity per application (ml/m²)	100 - 150
Yield per application (m²/l)	8* 16**

* undiluted
** diluted

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)



Subsequent coating	approx. 8 - 10 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



Clean with water immediately after use.

SUBSTRATE

Type of substrate

For absorbent, sandy or slightly chalky mineral substrates such as lime, lime-cement, cement render, natural stone and brick masonry, as well as for firmly adhering old silicate and mineral 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

No pre-treatment is necessary for clean, dry and sound substrates.

Remove old coatings that cannot be recoated.

Touch up small cracks, holes or unevenness using a suitable filler. Sand off filler burrs and remove the dust thoroughly.

Allow fresh plaster, concrete and screed to dry thoroughly for at least 4 weeks. Re-plastered patches must be set well and dried up. If necessary, treat with fluosilicate. 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).

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

Treat algae, green deposits or mould in outdoor areas with Aviva Fungisan (8308).

COATING SYSTEM**Primer coat**

1 x Aviva Silikat-Primer (4079)

Intermediate/finishing coat

Aviva Tirokat-Color (4087)

Aviva Tiromin-Weiß Plus (4051)

Aviva Tiromin-Color (4066)

Aviva Euromin-Weiß (4068)

Aviva FM Alpen-Silikat (4047)

Mineralfarbe (4090)

Kellerraumfarbe (4091)

ORDERING INFORMATION**Size of trading unit**

1 l, 5 l, 10 l

Colour shades

Standard colour(s):
Farblos (4079000200)

Supplementary products

Clean Abbeizer-Express (8313)

Aviva Fungisan (8308)

Aviva Schimmelex chlorfrei (8312)

Clean Multi-Entfetter (7233)

Aviva Tirokat-Color (4087)

Aviva Tiromin-Weiß Plus (4051)

Aviva Tiromin-Color (4066)

Aviva Euromin-Weiß (4068)

Aviva FM Alpen-Silikat (4047)

Mineralfarbe (4090)

Kellerraumfarbe (4091)

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

FURTHER DETAILS**Durability / storage**

Min. 2 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 Aviva Silikat-Primer (Cat A/h): 30 g/l.
Aviva Silikat-Primer contains a maximum of 0 g/l VOC.

Giscode	BSW40
Declaration of ingredients according to VdL-RL 01	water / acrylic dispersions / Sodium silicate / additives
Safety information 	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. Aviva Silikat-Primer is highly alkaline. Avoid contact with skin and eyes. 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.