

Aviva Tirosil-Weiß

4085050004

White siloxane reinforced façade paint with a mineral character for DIY and professional use

PRODUCT DESCRIPTION

General

Universal white facade painting, also for substrates which are critical to treat (e.g. old building fabrics), breathable, stress-relieved, siloxane reinforced. Easy to use, excellent covering power, very good adhesion.

Special properties and standards

- Resistant to industrial emissions
- Characteristics in accordance with **DIN EN 1062**

Gloss:	matt	G ₃
Dry film thickness:	100 - 200 µm	E ₃
max. grit size:	< 100 µm	S ₁
Water-vapour permeability (sd value)	< 0.14 (high)	V ₁
Water permeability (w value)	> 0,1 - ≤ 0,5 [kg/(m ² ×h ^{0,5})] (medium)	W ₂
- In case of façade surfaces that are exposed to moisture more than usual as a result of natural impact of weathering or under special conditions of the object, there is an increased risk of formation of fungus and algae.

Application areas



- Universal façade coating for
 - mineral substrates (e.g.: lime, lime cement and cement plaster, natural stone, sand-lime, brickwork)-
 - adherent old coats on old structures,
 - rough-, spray-on-, and synthetic resin plasters.
- Not suitable for horizontal surfaces with a permanent exposure to water.

PROCESSING

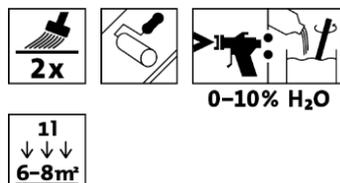
Instructions for use



- 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 %.
- Do not process it under conditions of intense sunlight, rain, extremely high humidity, strong wind or pending frost. Cover those surfaces well that are not to be treated.

- 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).
- Remove paint splashes immediately with water.

Application technique



Application method	Brushing	Rolling	Airless
Spray nozzle (Ø mm)	-	-	0.66 – 0.79
Spray nozzle (Ø inch)			0.026 – 0.031
Nozzle angle (°)			50
Spraying pressure (bar)	-	-	150 - 180
Fine strainer			0,2 mm
Dilution (thinning)	-	-	water
Thinner amount added in %	-	-	0 - 10 %
Consumption ml/m ²	125 – 170		approx. 170
Yield per application (m ² /l) ¹⁾	6 – 8		approx. 6

¹⁾ Yield including addition of thinner and loss while spraying

The shape, the properties and moisture of the substrate affect the consumption/yield. Accurate values for consumption must be obtained by applying trial coats in advance.

Drying times

(at 23 °C and 50 % rel. humidity)



Recoatable	After approx. 4 hours
Rainproof	After approx. 24 hours

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 (very quick drying).

Cleaning the working equipment



With soap-water immediately after use.

To remove dried paint residues, we recommend using ADLER Abbeizer Express 8313000300.

SUBSTRATE

Type of substrate

Mineral substrates (plasters, concrete), synthetic resin plasters, well-adhesive, matt facade paints, WDV systems.

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 and follow ÖNORM B 2230 Part 2.

See also VOB, Part C, DIN 18363, Paragraph 3; painting and coating work.

Any coatings that cannot be recoated must be removed thoroughly.

Preparation of the substrate

- Pre-treat absorbent or slightly chalky substrates with Aviva Silikon Grundierung 4082000200, diluted 1:1 with water for hardening, equalizing, adhesion promotion and better water resistance.

In case of highly absorbent and sandy plaster substrates, if necessary apply two preliminary coats using Aviva Silikon Grundierung 4082000200, diluted 1:1 with water, using the wet-on-wet method.

- Touch up small cracks, holes or unevenness using a suitable filling material. Hairline cracks do not have to be touched up.
- Refurbish cracks down to the plaster substrate with a permanently elastic coating system.
- Treat outdoor infestation or attack by algae, green covering or mold with Aviva Fungisan 8308000210.
- Remove dispersion paints or synthetic resin plasters that cannot be recoated with ADLER Abbeizer Express 8313000300 and high-pressure cleaner.

Plasters in mortar groups P II and P III

Allow new plaster application to remain untreated for three to four weeks. Re-plastered patches must be set well and dried up and, if required, treat them with fluosilicate. Remove sinter layer, which is recognized by a shiny appearance, by etching with an etchant and rewash.

Recoatable dispersion paint coatings

Roughen up glossy surfaces and paint coatings. Clean dirty and chalky old coats using pressurised water jets in compliance with the statutory regulations.

Recoatable mineral coatings

Clean by using suitable methods. If using a wet cleaning method for example, allow the surfaces to dry up completely before further treatment.

Apply a primer coat using Aviva Silikon Grundierung 4082000200, diluted 1:1 with water.

Recoatable synthetic resin - or silicone resin plaster coatings

Clean old plaster by using suitable methods. If using a wet cleaning method, allow the surfaces to dry up completely before further treatment.

Salt efflorescence

Brush off until it is dry and apply a primer coat using Aviva Tiefengrund LM 4080000200.

No warranty can be provided for permanent adhesion of the coating or prevention of salt efflorescence when coating surfaces having salt efflorescence.

Please observe the relative technical data sheets of the products.

COATING SYSTEM

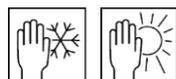
Primer coat	Aviva Silikon Grundierung 4082000200, diluted 1:1 with water. See substrate preparation Please observe the relative technical data sheets of the products.
Intermediate coat	Aviva Tirosilc-Weiß 4085050004 thinned max. 10 % with water depending on processing method and substrate.
Finishing coat	Aviva Tirosil-Weiß 4085050004 unthinned or thinned 5 % with water.

ORDERING INFORMATION

Size of trading unit	3 l; 9 l; 15 l
Colour shades / degrees of gloss	Weiß 4085050004
Supplementary products	Aviva Silikon Grundierung 4082000200 Aviva Fungisan 8308000210 Aviva Tiefengrund LM 4080000200 ADLER Abbeizer Express 8313000300

FURTHER DETAILS

Durability / storage	At least 2 years in the original sealed containers. Make sure the product is protected against moisture, direct sunligh frost and high temperatures (above 30 °C).
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GISCODE	BSW20
Technical specifications	VOC content EU threshold for Aviva Tirosil-Weiß (cat. A/C): 40 g/l (2010). Aviva Tirosil-Weiß contains < 1 g/l VOC.

Safety-related information	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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Inhaling paint aerosols whilst spraying must generally be avoided. This is ensured by correctly using a respiratory mask (combination filter A2/P2 – EN 141/EN 143).