

Aviva Tirokat-Color

4087000010 ff

High quality mineral silicate façade paint for DIY and professional use

PRODUCT DESCRIPTION

General

Mineral, water-based, low-odour, very good covering façade paint based on silicate for weather resistant coatings according to DIN 18363. A bond is formed with the substrate (silicification). Aviva Tirokat Color is non-film forming and low-stress as well as non-flammable. The product is characterised by excellent water vapour permeability (sd value) with very good water-resistance, highly alkaline.

Special properties and standards

- Resistant to industrial emissions
- **Colour resistance according to BFS data sheet no. 26**
Class B
Group 1
- 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-vapour permeability (w value)	> 0,1 - ≤ 0,5 [kg/(m ² ×h ^{0,5})] (medium)	W ₂

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,
 - full thermal insulation (WDVS).
- Not suitable for use on dispersion or silicone resin coatings.
- 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 + 8 °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).
- **Cover glass, ceramic, natural stones, clinker, metal and painted surfaces well. Remove paint splashes immediately with water.**
- Remove paint splashes immediately with water.

Application technique



Application method	Brushing	Rolling	Airless
Spray 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			0,2 mm
Dilution (thinning)	only with Aviva Silikat GKW 4079000200, diluted 1:1 with water.		
Thinner amount added in %	approx. 5 - 10 %		
Consumption ml/m ²	150 – 200		approx. 200
Yield per application (m ² /l) ¹⁾	5 – 7		approx. 5
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.

Please observe the relative technical data sheets of the products.

Drying times

(at 23 °C and 50 % rel. humidity)



Recoatable	after approx. 12 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.

**SUBSTRATE****Type of substrate**

Mineral plasters, adherent, mineral façade paints

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

- Pretreat absorbent, sandy or slightly chalky substrates for hardening, equalisation and for improved silicification purposes and for processing with Aviva Silikat Grundierung 4079000200, diluted 1:1 with water. In case of highly absorbent and sandy plaster substrates, if necessary apply two preliminary coats using Aviva Silikat Grundierung 4079000200, diluted 1:1 with water, using the wet-on-wet method.
- Touch up small cracks, holes or unevenness using a suitable filling material.
- 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.

Plasters in mortar groups PI, P II and P II

Allow new plaster application to remain untreated for three to four weeks. Re-plastered patches must be set well and dried up. If necessary, treat with fluosilicate. Grind off any sintered coat remaining.

Apply a primer coat using Aviva Silikat Grundierung 4079000200, diluted 1:1 with water.

Recoatable mineral coatings

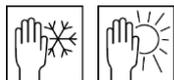
Clean old plaster by using suitable methods. If using a wet cleaning method, allow the surfaces to dry up completely before further treatment.

Apply a primer coat using Aviva Silikat Grundierung 4079000200, diluted 1:1 with water.

Please observe the relative technical data sheets of the products.

COATING SYSTEM	
Primer coat	Aviva Silikat Grundierung 4079000200, diluted 1:1 with water. See substrate preparation
Intermediate coat	Aviva Tirokat-Color 4087000010 ff Depending on the absorbency of the substrate and for better substrate silicification purposes, add max. 10 % Aviva Silikat Grundierung 4079000200 diluted 1:1 with water.
Finishing coat	Aviva Tirokat-Color 4087000010 ff Depending on the absorbency of the substrate and for better substrate silicification purposes, add max. 5 % Aviva Silikat Grundierung 4079000200 diluted 1:1 with water.
ORDERING INFORMATION	
Size of trading unit	1 l, 3 l, 9 l, 15 l
Colour shades / degrees of gloss	<p>Wei/white W10 4087000010</p> <p>Other colour shades can be obtained using the ADLER colour mixing system Color4You.</p> <p>Wei/white W10 4087000010 Base W20 4087000020 Base W30 4087000030</p> <ul style="list-style-type: none"> • In order to ensure uniformity of the colour shade, use only material having the same batch number on a given surface. • 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. • In case of dark colour shades, mechanical stress may lead to bright stripes (writing effect). This is a product-specific characteristic of all matt faade paints. • Due to the system, when using coloured mineral paints, care should be taken that they are processed quickly in order to prevent colour differences when the paintwork overlaps. If applying subsequent corrective coats of paint, colour differences are unavoidable.
Supplementary products	Aviva Silikat Grundierung 4079000200 Aviva Fungsan 8308000210

FURTHER DETAILS

Durability / storage

At least 2 years in the original sealed containers.

Make sure the product is protected against moisture, direct sunlight, frost and high temperatures (above 30 °C).

GISCODE

BSW10

Technical specifications

VOC content	EU threshold for Aviva Tirokat-Color (cat. A/C): 40 g/l (2010). Aviva Tirokat-Color contains < 1 g/l VOC.
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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**.

Recycle only those containers whose residues have been emptied out. You may dispose of liquid material residues as water-based paint and varnish waste and dried-up material residues as cured paints or as household garbage.

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).

Aviva Tirokat-Color 4087000010 ff is highly alkaline.

Avoid contact with skin and eyes.
