

ADLER Tiromin-Color

40317 ff

White or blendable interior paint **based on silicate** in accordance with DIN 18363 for DIY and professional use.

PRODUCT DESCRIPTION

General

Non film-forming silicate paint for interiors based on potassium water glass with organic stabilisers in accordance with DIN 18363 having excellent covering power. Environment-friendly and biologically recommended for constructions.

Special Properties and Standards



- Environment-friendly and low-odour
- Solvent-free and non-plasticizd
- Free from pot preservatives
- ECARF Seal of quality for allergy-friendly products and services
- Easy processing
- **Highly alkaline**
- The reproduction or growth of fungus and bacteria is prevented on account of the high alkalinity.
- High level of diffusion in accordance with DIN EN 52615
- **ÖNORM EN 13300**
Wet abrasion resistance: Class 2
Contrast ratio (Covering power): Class 1 (at 7 m²/l)
Degree of gloss: dull matt
Maximum grain size: fine (< 100 µm)
- **DIN 4102**
- Non-combustible, fire class A2 (white colour shade)
- Awarded the Austrian Eco Label

Areas of application



It is meant for mineral coats in the entire living area, schools and nursery schools, official buildings as well as for the preservation of memorials. It is particularly meant for mineral substrates and recoatable silicate coatings.

PROCESSING

Instructions for application

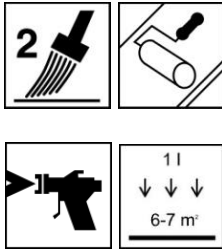


- Please stir the product before use.
- Do not apply it at temperatures below + 8 °C and / or relative atmospheric humidity > 80 %
- Take care to ensure proper ventilation for allowing the coating to set.
- Apply the coat at one stroke to avoid wet-on-wet crusts.
- Signs of touch-up work on the surface depend on several factors and hence, cannot be avoided (BFS data sheet 25).
- Do not recoat permanently elastic joint masses and sealing

weather strips (may lead to formation of cracks or fading of the coat)!

- **Cover glass, ceramic, natural stones, bricks, metal and painted surfaces well.**
- Remove paint splashes with water immediately.

Application technique



Application method	Using a brush	Roller brush application	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)	-	-	Water
Thinner amount added in %	-	-	Maximum 5
Consumption ml/m ²	approx. 125 – 150		
Yield per application (m ² /l) ¹⁾	approx. 7		approx. 6
¹⁾ Yield including addition of thinner and loss while spraying			

The shape and properties 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. 12 hours

The figures indicated serve as a guide and are for reference. The drying time depends on the coat thickness, temperature, air exchange and relative atmospheric humidity.

Low temperatures and / or high atmospheric humidity delay the drying process.

Cleaning the tools and equipment



Clean them with soap water immediately after use.

Remove dried-up paint residues with ADLER Abbezier Rote Krähe 95125.

SUBSTRATE

Type of substrate

Mineral plasters, concrete, gypsum plaster boards and recoatable silicate paint coatings

Substrate property (or condition)

The substrate must be dry, clean and free from any separating substances, and it must be checked to see whether it is suitable and capable of being recoated.

Please observe and follow ÖNORM B 2230 Part 2.

See also VOB, DIN 18363, Part C, paragraph 3; Painting and coating work.

Any coatings that cannot be recoated must be removed thoroughly.

Preparation of the substrate

- Touch up small cracks, holes or unevenness using a suitable wood filler.
- Thoroughly remove greasy or oily impurities using ADLER Entfetter (degreaser) 80394.
- No pre-treatment is necessary for clean, slightly absorbent and dry substrates that can be recoated.
- Treat fungal attack with ADLER Schimmel-EX 96349 (compare with the data sheet).

Plasters of the mortar groups P I, 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, seal them with fluosilicate.

On coarsely porous and slightly sanding or absorbent surfaces, apply a primer coat with ADLER Silikat GWK 40331 diluted 1:1 with water.

If required, apply two preliminary coats of ADLER Silikat GWK 40332, diluted 1:1 with water, using the wet-on-wet method, to highly absorbent and sanded plaster substrates.

Gypsum and readymade plasters of the mortar groups P IV and P V

Grind off any sintered coat remaining, and apply one primer coat using ADLER Silikat GWK 40331 diluted 1:1 with water.

Gypsum plaster boards (GKP)

Grind off wood filler burrs. Apply one primer coat of ADLER Tiefengrund WV 40905 diluted 1:3 with water.

Concrete surfaces

Mechanically clean the surfaces and remove deposits of dirt, separating agents and powder layers. On coarsely porous and slightly sanding or absorbent surfaces, apply a primer coat with ADLER Silikat GWK 40331 diluted 1:1 with water.

Recoatible mineral coatings

On coarsely porous and slightly sanding or absorbent surfaces, apply a primer coat with ADLER Silikat GWK 40331 diluted 1:1 with water.

Earthen plaster

Clean the substrate and apply one primer coat with ADLER Silikat GWK 40331 diluted 1:1 with water. Carry out a test coat under any circumstances and check for brown discolorations, if any.

Soft distempers

Wash off thoroughly and apply a primer coat with ADLER Tiefengrund WV 40905 diluted 1:1 with water.

Please follow the respective technical data sheets of the products.

COATING SYSTEM

Primer coat

See substrate preparation

Intermediate coat

ADLER Tiromin-Color 40317 ff undiluted or thinned with maximum 5 % water.

Final coat

ADLER Tiromin-Color 40317 ff undiluted or thinned with maximum 5 % water.

NOTES ON ORDERING

Container sizes

1 l; 3 l; 9 l; 15 l - vibration-proof plastic containers

Colour shades

Color4You 

Weiß (White) W10 40317

Other colour shades can be obtained using the **ADLER colour blending system** (Color4you).

Base paints:

Weiß (White) W10 40317

Base W20 40318

Base W30 40319

- In order to ensure uniformity of colour, use 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.
- Constrained by the system, lustrous and intensive colour shades have lower covering power under certain circumstances. Hence, it is recommended to apply a preliminary coat of a comparable, white-based pastel colour shade with these colour shades.
- In case of dark colour shades, mechanical stress may lead to bright stripes (writing effect). This is a product-specific characteristic of all matt wall paints. It does not affect the product quality and functionality.

Supplementary products

ADLER Silikat GW 40331

ADLER Tiefgrund WV 40905

OTHER INSTRUCTIONS

Storage stability / Storage



At least 1 year in the original sealed containers.

Store it such that it is protected against moisture, direct sunlight, frost and high temperatures (over 30°C).

Technical Specifications

VOC content

EU limits for ADLER Tiromin-Color (Cat. A/e): 40 gm/l (2010). ADLER Tiromin-Color contains < 1 gm/l VOC.

Product code for paints and varnishes

M-SK01 Single-component silicate paints

Safety-relevant information



Please follow the associated safety data sheet! The latest version can be retrieved from 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.