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Plaster and Façade Systems

B1301_DSP.de

MineralAktiv Fassadenfarbe paint

Hybrid façade paint with optimized moisture management

Product Data Sheet

2026-02



Product description

Structure preserving, mineral façade paint on a hybrid binder basis without addition of softeners, solvents and preservatives.

Composition

Mineral binders, silicone resin emulsion, polymer dispersion, water, titanium dioxide, calcium carbonate, silicate fillers, additives.

Storage

The material can be stored for 18 months in the original container in a cool and frost-free environment. Close opened buckets airtight.

Quality

The product is subject to continuous factory production control and is compliant to EN 1062-1 as well as DIN 18363 section 2.4.1.



Properties and added value

- For exterior applications
- Mineral matt appearance
- Optimized moisture management for prevention of algae and mould
- Without biocide formulation
- Highly vapour permeable
- Very high coverage
- Can be diluted with water
- White (approx. RAL 9016)
- Limited colour shading with Knauf ColorConcept colour shade selector card

Field of application

Can be used as an equalizing coat or coating system on all mineral substrates.

The optimized moisture management ensures that MineralAktiv Fassadenfarbe façade paint is ideal in preventing growth of algae and mould. MineralAktiv Fassadenfarbe paint has a high yield and an elegant mineral appearance.

MineralAktiv Fassadenfarbe façade paint can be applied cost-effectively thanks to the high hiding power and the ease of application.

MineralAktiv Fassadenfarbe façade paint is suitable for application with a paintbrush, roller and by spray on the following substrates:

- On MineralAktiv Scheibenputz / MineralAktiv Scheibenputz Dry floated renders
- Mineral finishing renders
- Organic finishing renders
- On silicate renders
- Restoration renders
- Old silicate-based paint layers



Application

Substrate and pretreatment

Substrate	Pretreatment
Renders of mortar group P II and P III	Pretreat coarse, porous, sanding, highly absorbent substrates with Grundol.
Limestone facing masonry	Brush off any salt efflorescence when dry
Old or loose lime and dispersion coats	Thoroughly remove by mechanical means and high pressure cleaning and wash off. Prime with Grundol primer if necessary
New mineral-based renders (e.g. MineralAktiv Scheibenputz floated render, Noblo, SP 260 Pro)	Bright to pastel colour shades can be applied without a primer after sufficient drying time (at least 7 days). In case of intensive colour shades, a preliminary coat of Casiol Grund in approximately the same colour shade is recommended.
Mineral based old renders	Knock out the cavities, clean the substrate thoroughly and apply render in accordance with the existing material and texture. Allow the newly rendered areas to dry sufficiently, and if necessary, apply fluosilicate treatment and wash off
Stable, but chalking or sanding surfaces	Pretreat with Grundol. The Tiefengrund primer must be fully absorbed by the surface
Non-stable paint coats	Remove completely

Preparation

Check the substrate for compliance with VOB part C, DIN 18350, chapter 3.1 and/or according to VOB part B, DIN 1961 paragraph 4 section 3. Clean the substrate of dust and loose parts and remove them ensuring that the surface is smooth. Cover easily-soiled building components before commencement in accordance with Code of Practice “Abklebe- und Abdekarbeiten für Maler- und Stuckateurarbeiten - *Masking and covering for painting and stucco work*” (German only) issued by the Bundesverband Ausbau und Fassade. Protect weather-exposed surfaces from precipitation and direct sunlight.

Preparation of the substrate in accordance with the Substrate/Pre-treatment table. All substrates must be stable, dry, even and free of grease and dust as well as free of any residual substances that may reduce the adhesion.

Test the stability and compatibility of existing coats (old plasters and paint coats) before application of MineralAktiv Fassadenfarbe façade paint.

Caution

When using MineralAktiv Fassadenfarbe paint on products with Sprint technology, the product data sheets for the corresponding Sprint products must be taken into account.

Application

Before work commences, check colour and batch numbers on all buckets as well as the colour shade by sampling (trial coat) to ensure it is correct. Never apply the content from different buckets on a common wall. Mix the contents together in a clean bucket beforehand. When reordering, always state the consignment number of the previous delivery.

Stir the contents of the bucket thoroughly.

MineralAktiv Fassadenfarbe façade paint is set ready to use by adding up to 3 % water. Dilute with approx. 5 % water for airless application. Dilution with up to 10 % water is possible as a primer coat. If case of over-dilution the hiding power and the guaranteed properties will be affected.

Apply MineralAktiv Fassadenfarbe façade paint to the render surface (finish/decorative coat) as a thin, even, edge-free and wet-in-wet coat. Always complete surfaces that can be viewed together on the same day. Always complete a surface once started. Always work so that the transition areas between scaffolding are roll or brush applied wet-in-wet.

Application is undertaken using a paint roller or paintbrush.

Large surfaces can have the paint applied with an airless machine provided that impurities and contaminants are not a problem for the paint spray.

Application temperature/climate

Do not apply at air, material and/or substrate temperatures below +5 °C and above +30 °C. Protect fresh coats from the effects of moisture, (e.g. from precipitation) and from the effects of rapid water loss, e.g. by exposure to direct sunshine or strong wind, by protecting with suitable measures such as protective nets. Do not apply MineralAktiv Fassadenfarbe paint to preheated substrates.

Drying

MineralAktiv Fassadenfarbe façade paint is touch dry at +20 °C and 65 % relative humidity after approx. 8 hours. The times are extended at lower temperatures and/or higher levels of air humidity. A minimum drying time of 12 hours and a maximum of 7 days is necessary between coats. Fully dry and ready-to-use after at least 3 days.

Cleaning

Clean the equipment and tools with water immediately after use. Wash off paint spatters immediately with clean water.

Notes	<p>Paint coats have to be applied according to DIN 18363 VOB part C section 3 as well as the generally recognized building engineering rules and valid guidelines. Work fresh-in-fresh in a single work step to avoid the formation of visible edging.</p> <p>Differences in the colour shade and surface shading may occur due to different weather-related and building site conditions.</p> <p>Should dark coloured surfaces be exposed to high mechanical loading, the colour may change at affected locations (crazing). This does not affect the product quality and functionality.</p>
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Notes	<p>MineralAktiv Fassadenfarbe paint is free from film preservation against algae and mould. Permanent protection against algae and mould cannot be guaranteed, as the susceptibility depends on the local and environmental conditions.</p> <p>In case of dark colour shades a difference in the absorption properties of the substrate with moisture absorption can occur leading to temporary divergences in the colour shade. This effect is fully reversible and not uncommon for mineral-based systems. The effect is usually no longer evident after the coat has dried.</p>
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Application of MineralAktiv Fassadenfarbe paint in combination with SM600 Sprint and/or Noblo 600 Sprint.

Drying times

Following day

If the temperature is $\geq +5\text{ °C}$ during application and the drying time (at least 15 hours after application) of the SM600 Sprint or Noblo 600 Sprint finish coat, the subsequent coat (MineralAktiv façade paint) can be applied the following day.

Drying time min. 5 days

If the temperature is $\geq +1\text{ °C}$ to $< +5\text{ °C}$ during the application and drying time of SM600 Sprint or Noblo 600 Sprint finishing plaster, the subsequent coat (MineralAktiv façade paint) can be applied after a drying time of at least 5 frost-free days.

Only frost-free days are to be taken into account for the drying time. After application, there may not be a prolonged frost extending over several days.

Application temperature/climate

The substrate and air temperatures during application may not drop below $+1\text{ °C}$ or exceed $+30\text{ °C}$ for up to 6 hours afterwards.

Six hours after application, the temperature can drop to below freezing. An interim reduction to a maximum of -5 °C is permissible. The temperature must not fall below -5 °C .

Sprint technology

Technical data

Description	MineralAktiv Fassadenfarbe paint	Unit	Standard
Gloss	G3 (matt)	Category	EN ISO 2813
Dry film thickness	E3	Category	EN 1062-1
Grain size	S1 (fine)	Category	EN ISO 1524
Water vapour transmission rate	V1 (high)	Category	EN ISO 7783-2
Liquid water permeability	W2 (medium)	Category	EN 1062-3
Colour shade durability	A	Category	BFS code of practice no. 26
Density	approx. 1.46	g/cm ³	–
Colour shade	White (approx. RAL 9016)	–	–

The stated technical data were evaluated acc. to the respective test standards. Deviations under site conditions are possible.

Material requirement / efficiency

Substrate	Application	Consumption approx. l/m ²	Yield approx.	
			m ² /bucket 12.5 l	5.0 l
Smooth	Single-coat	0.18	69	28
	Double coat	0.28	45	18
Rough	Single-coat	0.25	50	20
	Double coat	0.40	32	12.5

The exact consumption can only be determined with a test application on the individual object.

Product variants

Description	Application	Packaging unit	Material number	EAN
MineralAktiv Fassadenfarbe paint	12.5 l (white)	32 buckets/pallet	00525717	4003950101847
	12.5 l (pigmented)		00525719	4003950101854
	5.0 l (white)	68 buckets/pallet	00778805	4003950144028
	5.0 l (pigmented)		00778813	4003950144080

Please refer to the Farbcenter (colour center) for possible colour shades (German only) at:
knauf-farbcenter.de

Sustainability and environment

Short description	Description	Value	Unit
AgBB scheme	Version 2021	fulfilled	–
VOC content absolute	Acc. to RL2004/42/EC	≤ 1	g/l
Solvent-free	VDL RL01, 9. Version 07.2024	Yes	–
Softener-free	VDL RL01, 9. Version 07.2024	fulfilled	–



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