

DISPERSION-SILICATE

AQUATEX

Mineral nature paint

Anti-reflex


MAIN ADVANTAGES

- Exceptional vapour permeability
- Refined, deep matt appearance of the coating
- Top wet scrubbing resistance
- Excellent coverage
- No priming required
- Meets the requirements for building certification according to LEED/BREEAM
- For mineral and painted substrates
- Especially recommended for "wet" rooms and for the first painting of mineral surfaces

AREAS OF APPLICATION

Dispersion silicate paint to be used for interior applications as a protective and decorative coating. Based on innovative Swiss technology, combining silicate and dispersive binding agents. The paint reduces light reflections that create the impression of uneven substrate. One of its features is that it does not change the retention properties of the substrate (walls naturally absorb and release moisture), thanks to which the moisture content in the "wet" rooms (such as kitchens, bathrooms, laundries, rooms in the basement of the building) is reduced. Especially recommended for painting ceilings and upper areas of walls in such rooms. The **AQUATEX** paint can also be used for painting walls and ceilings in "dry" rooms (such as living rooms, bedrooms, conference rooms or offices). It can be used for primary and renovation painting of mineral substrates (e.g., concrete, lime renders, cement-lime renders, cement renders, gypsum renders and plasterboards) and on substrates covered with well set and bound plastic-based renders/plasters. Newly applied mineral substrates (such as cement and cement-lime renders) do not require whitening or priming and can be painted even 14 days after their application.

TECHNICAL DATA

Base binder: copolymer binder and potassium water glass;

Pigments: inorganic colour pigments;

The content of volatile organic compounds VOC: cat. A/a. The product contains less than 30 g/l VOC;

Density: approx. 1.60 g/cm³;

Colours: white and selected colours from KABE colour chart and pastel colours according to a sample provided;

Gloss level: deep matt;

Thinner: water;

Average coverage: approx. 0.22 l/m² (with double painting on a smooth substrate);

Temperature of application (air and substrate): from +5°C to +25°C;

Relative air humidity: ≤ 80%;

Relative diffusion resistance of a 140 µm thick coat: S_d = 0.02 m;

Surface absorption coefficient, w: 0.058 kg/m² · h^{0.5};

Resistance to wet scrubbing: class I paint (according to PN-EN 13300 standard) and class I paint (according to PN-C-81914:2002).

Packaging: Disposable plastic packaging containing 3, 5 and 10 litres of product.

Storage: Product should be stored in sealed packaging, in a cool room, but protected from frost. Keep out of the reach of children.

Shelf life: 12 months from the date of production printed on the packaging, with originally sealed packaging.

HOW TO USE

SUBSTRATE PREPARATION: Substrate should be sound/stable (without scratches and cracks), degreased, clean and dry, and free of biological contamination and chemical efflorescence. In case of fungi growth, the substrate should be cleaned mechanically and then disinfected with fungicidal agent for interiors. Discolourations, nicotine stains and efflorescences caused by water stains should be painted first with **MILAMAT** stain blocker. Any loose layers, not bound to the substrate (e.g., loose render or flaked coatings), should be removed. The remnants of adhesive or lime paints should be thoroughly removed and the substrate should be washed with water. Old and/or dirty substrates should be washed and degreased with water and **CLEANFORCE** cleaning agent. For particularly uneven substrates, first use **KOMBI FINISZ** filling compound, and then smooth out the whole surface with **PROFINISZ** smoothing compound. Small unevenness can be smoothed right away with **PROFINISZ** smoothing compound. Absorbent substrates should be primed with **BUDOGRUNT WG** prior to applying smoothing compounds and/or renders. Fresh cement renders and cement-lime renders can be painted after 2 weeks of curing period, gypsum renders after one week, while the so-called "drywall construction" can be painted directly after polishing and removing dust.

Note: Directly before applying the paint, the surfaces made of materials susceptible to alkalis (i.e. wood, metal, glass or clinker brick) should be protected against splashing. The **PROFINISZ** finishing compound may be applied only in rooms, where relative air humidity does not exceed 70%.

PAINT PREPARATION: If necessary, the paint can be diluted with potable water, by adding 20-30% by volume to the first painting and 5-15% to the second (when determining the amount of water, the type of substrate, drying conditions and application technique should be taken into account).

Note: Mixing **AQUATEX** with other paints may affect its technical performance.

APPLICATION: The paint should be applied on the substrate in two layers with a brush, roller or by spraying (including also "airless" method). It is recommended to use a fleece paint roller with a bristle length of 18 mm. The second coat can be applied only after the first one is completely dry.

Spraying parameters for an Airless sprayer:

Manufacturer	Device	Nozzle	Pressure [bar]	Filter [mesh]	Thinning [%]	Coverage [l/min]
WAGNER	ProSpray 3.21	0552-517	200	60	20-30	1.25
TITAN	Titan 450e	661-517	200	60	10	1.25
GRACO	St Max 495	PAA517	200	60	10	2.3

DRYING: The drying time of one layer of paint applied to the surface (at air temperature +20°C and 55% relative air humidity) is approx. 3 hours. **Note:** Drying time may be longer due to low temperatures and high relative humidity. After painting, closed rooms should be ventilated until the specific smell disappears. The coating obtains its full mechanical and functional properties after 4 weeks.

USEFUL HINTS: In order to avoid colour differences, it is necessary to create a surface constituting a separate architectural whole in one work cycle with material from the same production batch. Paint application and setting should take place at temperatures over +5°C. Tools should be cleaned with water immediately after finishing work. **Note:** A slightly alkaline liquid mixture – wear protective gloves, eye and face protection. If necessary, seek medical advice and show the container or label. Low temperature, as well as high humidity may have a negative impact on the shade of the paint coat.

The information included in this document does not cover all the aspects of the product system use. Therefore, the information should be verified each time due to the possibility of justified differences depending on the method of carrying out work, the type of substrate and other external conditions.