

DISPERSION

PROFILATEX

Ceramic paint with high dirt resistance



MAIN ADVANTAGES

- Highest resistance to dirt and scrubbing*
- Extreme resistance to wet scrubbing according to PN-EN 13300 - 1st class (coating thickness loss 1 µm at 200 strokes with a standard brush)
- High resistance to washing off with water-thinnable detergents and disinfecting agents (with the exclusion of organic solvents)
- Fulfills every requirement of building certification according to LEED/BREEM
- Friendly to the environment and human
- For mineral and painted substrates
- Confirmed antimicrobial effect**

AREAS OF APPLICATIONS

High quality premium latex topcoat paint for the application of protective and decorative paint coatings inside buildings, both in "dry" and "wet" rooms. It is especially recommended for painting walls and ceilings with high aesthetic demands but also in utility high-traffic areas, e.g. traffic routes, hallways, corridors, office rooms, kitchens, bathrooms or laundry rooms. It can also be used in living quarters, public utility buildings, health service premises, nursing homes and in food industry production plants (without direct contact with food). It is intended for painting mineral substrates (such as cement plasters, cement-lime plasters, lime plasters, and gypsum plasters as well as drywalls) and those covered by coatings, top coats based on polymers and covered with wallpapers made of glass fibres. It is used for both primary painting and renovation painting on substrates with uniform or changeable structure and colour. Absorbent substrates should be primed with **BUDOGRUNT WG** or **AQUALIT** before paint application. Paint also available in a 'hygienic' version if specially requested, it allows for a coating to be made that protects against microorganisms especially in hospitals, treatment and operating rooms, dental offices or doctors' offices.

TECHNICAL SPECIFICATION

Base binder: synthetic binder;

Pigments: titanium dioxide white powder and coloured pigments;

The content of volatile organic compounds VOC: cat. A/a. The product contains less than 30g/l VOC. In case of the white product, non-dyed the contains of VOC is 0g/l.

Density: ca. 1.45 g/cm³;

Colours: white and colours from the KABE colour chart and selected NCS colours or according to samples provided;

Gloss level: matt;

Diluent: water;

Average coverage: ca. 0.18 l/m² (with double painting on a smooth substrate);

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

Relative humidity: ≤80%;

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

Packaging: Single-use plastic packaging of 3l, 5l and 10l.

Storage: The product should be stored in its sealed packaging in a cool, but frost-protected room. Keep out of the reach of children.

Shelf life: 18 months from the production date specified on the packaging of the product with originally closed packaging.

APPLICATION METHOD

SUBSTRATE PREPARATION: Apply to a sound/stable and clean substrate (without cracks and delaminations), degreased, dry, and free of biological contamination or chemical efflorescence. In the case of fungal growth, the substrate should be mechanically cleaned and then disinfected with an indoor fungicide. 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 (i.e. loose render or flaked coatings) should be removed. The remnants of adhesive or lime paints should be thoroughly removed and the substrate washed with water. Old and/or dirty substrates should be washed off and degreased with water and **CLEANFORCE** cleaning agent. For uneven substrates, first use **KOMBI FINISZ** levelling compound and then level the surface with **PROFINISZ** ready-to-use finishing compound. Small unevenness can be levelled out at once with **PROFINISZ** ready-to-use finishing compound. Absorbent substrates should be primed with **BUDOGRUNT ZG** before levelling compounds application. Fresh cement plasters and cement-lime plasters may be painted after 3-4 weeks of seasoning period, gypsum plasters after 2 weeks, while the so-called drywall construction can be painted directly after polishing and dust removing. **Note:** **PROFINISZ** ready-to-use finishing compound may be applied only in rooms where air relative humidity does not exceed 70%.

PRIMING: Prior to paint application, absorbent or dusty (strongly chalking) substrates should be primed with **BUDOGRUNT WG**. Gypsum substrates or non-uniform ones should be primed with **AQUALIT**. Typical drying time lasts ca. 4 h for the product or base applied on the substrate in optimum conditions (20°C, 55% RH). When product or base applied on the substrate is completely dry, **PROFILATEX** paint may be applied. **Note:** Substrates of low wettability (such as top coats based on polymers or dispersion paint coatings) should not be primed and only washed with water with the addition of **CLEANFORCE** cleaning agent. Before proceeding to painting substrates based on polymers, a trial painting is recommended.

PAINT PREPARATION: The packaging contains a ready-to-use product. If required, add a small amount of clean water by adding to the first painting max. 10% of volume and to the second 5% (quantity of added water may vary for different substrate types, drying conditions and application method). **Note:** Mixing of **PROFILATEX** with other paints may cause lowering of the product technical parameters.

APPLICATION: Paint to be applied on the substrate in two layers by means of a brush, roller made of fleece with a bristle thickness of 18 mm or spraying (including also 'airless' method). The second coat can be applied only after the first one is completely dry.

Spraying parameters for an airless type device:

Manufacturer	Device	Nozzle	Pressure [bar]	Filter [mesh]	Dilution [%]	Usage [l/min]
GRACO	St Max 395	PAA517	180	60	5	2.3

DRYING: The drying time of a single layer of paint applied to the substrate (at +20 °C and 55% relative air humidity) is approx. 4 hours. Closed rooms should be aired out after painting until the specific smell is gone. The coating obtains its full mechanical and functional properties after 4 weeks. **Note:** Drying time may be longer due to low temperatures and high relative humidity.

USEFUL HINTS: To avoid colour differences, a single batch product should be applied to entire facade or element in one working cycle. Application and drying of the paint requires air temperature above +5°C. All tools to be cleaned with water after finishing work. If surfaces of disadvantageous lighting are painted, it is recommended to apply **AQUATEX** or **OPTILATEX** or **TOP WHITE ANTI-REFLEX** deep matt paint.

ADDITIONAL OPTIONS: When applying the paint on substrates with scratches up to 0.3 mm wide (such as shrinkage cracks in mineral plaster), it is recommended to use a microfiber-reinforced paint for the first painting (option available on order). In order to increase the resistance of the paint coating to mould growth, it is recommended to apply a special protective agent to the paint (additional service).

*The coating obtains maximum mechanical and utility properties after 28 days. Any stains that may have occurred can be removed with soft sponge and water with **CLEANFORCE** cleaning agent in duration of time no longer than 60 minutes. Cleaning and cases of "stubborn" staining of rough and uneven surfaces may be difficult to remove. Stain resistance tested with the use of: ketchup, sunflower seed oil, coffee, wine, soot, dirty shoes, crayons and poster paints. **Note:** In case of coffee or tea staining it is necessary to start the process of cleaning immediately.

**Refers to PROFILATEX coating in hygienic version.

***VOC- volatile organic compounds