## DISPERSION

# PROFILATEX

Ceramic paint with
high resistance to soiling


## MAIN ADVANTAGES

- Top resistance to soiling and scrubbing.*
- Resistance to wet scrubbing according to PN-EN 13300 standard – class 1 (coating thickness loss of 1 µm at 200 strokes of a standard brush)
- High resistance to washing off with water-dilutable detergents and disinfecting agents (with the exclusion of organic solvents)
- Meets the requirements for building certification according to LEED/BREEAM
- Friendly to humans and the environment
- For mineral and painted substrates
- Proven antimicrobial properties**

## AREAS OF APPLICATION

A high-quality ceramic topcoat paint for the application of protective and decorative paint coatings inside buildings, both in "dry" and "wet" rooms. Particularly recommended for painting walls and ceilings with high aesthetic and functional requirements in rooms with high traffic, such as passageways, halls, corridors, offices, kitchens, bathrooms and laundries. It can be used in housing, public utility, healthcare facilities, nursing homes and food industry plants (without a direct contact with food). Intended for painting mineral substrates (such as cement, cement-lime, lime and gypsum renders, as well as plasterboards), as well as those covered with a coating, plastic-based render/plaster and substrates covered with fibreglass and paper wallpapers. For use both for primary and renovation painting on substrates with uniform or variable structure and colour. Absorbent substrates should be primed with **BUDOGRUNT WG** or **AQUALIT** base coat before applying the paint. The paint is also available in a hygienic version upon special order, which allows for the creation of a coating that protects against microorganisms, especially in hospitals, in treatment and operating rooms, as well as in medical and dental offices.

## TECHNICAL DATA

**Base binder:** synthetic binder;
**Pigments**: titanium white and coloured pigments;
**The content of volatile organic compounds VOC*****: cat. A/a. The product contains less than 30 g/l VOC. For white, uncoloured product, the VOC content in the product is 0 g/l.
**Density:** approx. 1.45 g/cm$^3$;
**Colours:** white and colours according to KABE and NCS colour charts or a sample provided;
**Gloss level:** matt;
**Thinner:** water;
**Average coverage:** approx. 0.18 l/m$^2$ (with double painting on a smooth substrate);

**Temperature of application (air and substrate):** from +5°C to +25°C;
**Relative air humidity:** ≤ 80%;
**Resistance to wet scrubbing:** class I paint (according to PN-EN 13300) and class I (according to PN-C-81914: 2002).
**Packaging:** Disposable plastic packaging containing 3 litres, 5 litres 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:** 18 months from the date of production printed on the product 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 washed with water and 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 3-4 weeks of curing period, gypsum renders after 2 weeks, while the so-called "drywall construction" can be painted directly after polishing and removing dust. Note: The **PROFINISZ** finishing compound may be applied only in rooms, where relative air humidity does not exceed 70%.
**PRIMING:** Absorbent or dusty (strongly chalking) substrates should be primed with **BUDOGRUNT WG** before applying the paint. Prime gypsum or heterogeneous substrates with **AQUALIT** primer. Drying time for the product applied on a substrate or primer is about 4 hours under optimum weather conditions (temperature +20°C and relative humidity of 55%). When product or base applied on the substrate is completely dry, **PROFILATEX** paint may be applied. Note: Substrates with low wettability (such as plastic-based renders or dispersion paint coatings) should not be primed and should be only washed with water and the **CLEANFORCE** product. Before proceeding to painting plastic-based substrates, a trial painting is recommended.
**PAINT PREPARATION:** If necessary, the paint can be diluted with a small amount of potable water, by adding 10% by volume to the first painting and 5% 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 **PROFILATEX** with other paints may affect its technical performance.
**APPLICATION:** The paint should be applied on the substrate in two layers with a brush, paint roller (recommended) made of fleece with a bristle length of 18 mm or by spraying (including also "airless" method). 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] |
|---|---|---|---|---|---|---|
| GRACO | St Max 495 | PAA517 | 180 | 60 | 5 | 2.3 |

**DRYING:** Typical drying time for one layer of paint applied onto a substrate is approx. 4 hours (at air temperature +20°C, 55% RH). After painting, closed rooms should be ventilated until the specific smell disappears. The coating obtains its full mechanical properties after 4 weeks. Note: At low temperatures and high air humidity, the paint drying time will be longer. 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 drying should take place at temperatures over +5°C. Tools should be cleaned with water immediately 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:** If the paint is applied on substrates with cracks with a width of up to 0.3 mm (e.g., shrinking cracks of the mineral render coat), it is recommended to use paint reinforced with microfibres for the first painting (an option available on request). 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 acquires full mechanical and functional properties after 28 days. Remove any dirt with a soft sponge and water with CLEANFORCE within no longer than 60 minutes. Removing stains and "difficult" dirt from rough and uneven surfaces may be difficult. Resistance to soiling tested using: ketchup, sunflower oil, coffee, tea, wine, soot, dirty shoes, colour pencils, wax crayons and poster paints. Note: If coffee or tea stains occur, clean them immediately.
** Applies to the PROFILATEX paint coating in the hygienic version;
*** VOC – volatile organic compounds