

DISPERSION

PROLATEX

Latex paint for walls and ceilings



MAIN ADVANTAGES

- Top quality coating
- High resistance to washing off and scrubbing
- Friendly to the environment and human (without VOC*)
- Resistant to moisture
- Easy in application
- Very good coverage and high usage capability
- Wide range of colours
- For mineral and painted substrates
- Fulfills every requirement of building certification according to LEED/BREEAM

AREAS OF APPLICATIONS

High quality latex topcoat paint for the application of protective and decorative paint coatings inside buildings, both in "dry" and "wet" rooms. It can also be used in residential buildings, public utility buildings, health care facilities and food industry production plants (without direct contact with food). It is intended for painting mineral substrates (such as concrete, cement plasters, cement-lime plasters, lime plasters and gypsum plasters and plasterboards and those covered by coatings, 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.

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 according to KABE, NCS colour scheme or according to samples provided;

Gloss level: matt and semi-matt;

Diluent: water;

Average coverage: ca. 0.22 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: Originally sealed products have a 18-month shelf life from the date of production (this is printed on the side of the 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 before levelling compounds application. Fresh cement plasters and cement-lime plasters may be painted after 3-4 weeks of seasoning period, gypsum plaster 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 ca. 3 h for the product or base applied on the substrate in optimum conditions (20°C, 55% RH). When primer or base applied on the substrate is completely dry, **PROLATEX** 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 adding 10% of volume for the first painting and 5% for the second one (when determining the amount of water, it is necessary to take into account the type of substrate, drying conditions and application technique).

Note: Mixing of **PROLATEX** with other paints may cause lowering of the product technical parameters.

APPLICATION: Paint should be applied on the substrate in two layers with a brush, roller or by spraying (including also the 'airless' method). It is recommended to use a roller made of fleece 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 type device:

Manufacturer	Device	Nozzle	Pressure [bar]	Filter [mesh]	Dilution [%]	Usage [l/min]
WAGNER	ProSpray 3.21	0552-517	200	60	5	1.25
TITAN	Titan 450e	661-517	200	60	10	1.25
GRACO	St Max 495	PAA517	180	60	5	2.3

DRYING: typical drying time of a single layer of paint applied to the substrate is approx. 3 h (20°C, 55% RH) After painting, closed rooms to be ventilated until the specific smell disappears. **Note:** Drying time may be longer due to low temperatures and high relative humidity. The coating obtains its full mechanical and functional properties after 4 weeks.

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).

* VOC — volatile organic compounds