

OPTILATEX

Latex paint for walls and ceilings



Main advantages:

- Resistant to washing and scrubbing
- Eco-friendly (no VOCs*), harmless to people and environment
- Deep matt
- Very opaque
- Enjoyable painting
- Excellent effect
- For mineral and coated substrates

Purpose:

Advanced latex topcoat for decorative coatings inside buildings. Designed for painting walls and ceilings in dry living quarters and public facilities including healthcare, educational centres and manufacturing and service facilities, including food industry (without direct contact with food). It can be applied on surfaces with both uniform and variable structures and colours. It creates an aesthetic, high-quality smooth finish with pleasant matte look. It has a high resistance to yellowing, washing and scrubbing. It is used for primary painting and refinishing of mineral surfaces (such as concrete, cement, cement-lime, lime and render, as well as renderboard) and on substrates with a well-adhering and plastic coatings. Before applying the paint, absorbent or chalking substrates require priming with **BUDOGRUNT WG** or **AQUALIT**.

Technical data:

Base binder: synthetic adhesive;
Pigments: titanium white and colour pigments;
Density: approx. 1.40 g/cm³;
Colours: white and colours according to the KABE, NCS catalogue or supplied sample;
Gloss: deep matte;
Thinner: water;
Average consumption: approx. 0.22 l/m² (with two coats on a smooth surface);
Application temperature (air and substrate): from +5°C to +25°C;
Relative humidity: ≤80%;
Resistance to wet scrubbing: class II (PN-EN 13300) and class I (PN-C-81914: 2002).
Packaging: Disposable plastic packaging containing 2.5, 5 and 10 litres of product. Storage: Store in a tightly closed container in a cool room, protect from freezing. Any opened containers have to be tightly re-sealed and used as quickly as possible.
Expiry date: 18 months from production date on the packaging, in original unopened packaging.

METHOD OF USE:

Preparation of the base:

The substrate must be sound (no cracks), degreased, clean, dry, free of stains, as well as biological or chemical contamination. In the case of fungal contamination, the substrate should be mechanically cleaned and then disinfected using **ALGIZID** preparation. Any discoloration, nicotine stains and remains of water leaks should first be coated with insulating **MILAMAT** paint. Any loose layers not bonded to the substrate (such as loose render or peeling paint) should be removed. Carefully remove any remains of glue colours or limewash and wash the surface with water. When surface irregularities are significant, even the wall with **KOMBI FINISH** mortar and then smooth the entire surface with **PROFINISZ** putty. In case of small irregularities use **PROFINISZ** putty. In the case of absorbent surfaces, prime them with **BUDOGRUNT WG** before applying any mortar and/or putty. Fresh cement and cement-lime render can be painted after a 3 to 4 week period of seasoning, gypsum renders after 2 weeks, while the so-called "dry building" can be painted immediately after sanding and dedusting.

PRIMING:

Before applying the paint prime any absorbent or dusty (heavily chalking) surfaces with **BUDOGRUNT WG**. Prime gypsum or mixed substrates with **AQUALIT**. The drying period for preparation or primer used on substrate in optimum conditions (at +20°C and relative humidity of 55%) is approx. 3 hours. When the preparation or primer completely dries, it is time to apply **OPTILATEX** paint.

Note: Low-absorbency substrates (such as plastic-based coatings or dispersive paints) should not be primed, but only washed with water.

PAINT PREPARATION:

The product is ready for use. If necessary, the paint can be diluted with a small amount of water, adding 10% by volume with first coat and 5% with second coat (when deciding on the amount of water consider the type of substrate, drying conditions and application technique).

PAINTING:

Apply the paint in two layers using a brush, a roller or a spray (including "airless" method). An 18-mm fleece roller is recommended. Apply the second layer only once the first is dry.

Spraying parameters for an airless type device:

Manufacturer	Device	Nozzle	Pressure [bar]	Filter [mesh]	Diluent [%]	Yield [l/min]
WAGNER	ProSpray 3.21	0552-517	200	60	5-15	1,25
TITAN	Titan 450e	661-517	200	60	10	1,25
GRACO	St Max 395	PAA517	180	60	10	1,25

DRYING:

Drying time of one applied coat (at +20°C and relative humidity of 55%) is approx. 3 hours. Closed rooms should be ventilated after painting until the characteristic scent is gone.

Note: Low temperature and high humidity will prolong the drying.

APPLICATION GUIDELINES:

In order to avoid differences in colour, it is necessary to paint a surface that constitutes an architectural whole in one work cycle using material from the same batch. The air temperature during the application and drying process should be above +5°C. Wash tools with water immediately after completing the work.

*VOC - volatile organic compounds