DISPERSION

TOP WHITE ANTI-REFLEX

Anti-reflex

Paint for walls and ceilings

MAIN ADVANTAGES

- Deep matt
- Super white
- Very high coverage
- Anti-reflex
- Non-dripping consistency
- Perfect effect
- For mineral and painted substrates

AREAS OF APPLICATION

A modern dispersion topcoat paint for carrying out aesthetic super white paint coatings inside buildings. Intended for painting walls and ceilings in "dry" rooms (such as: living room, bedroom, hall, offices and conference rooms). The paint reduces light reflections that create the impression of uneven substrate. It can be used for decorative and protective painting of surfaces inside residential, office and public buildings, including school and educational facilities (schools, kindergartens) and health care facilities (hospitals), production plants, including food industry (without direct contact with food). It creates an aesthetic, smooth coating, providing high finishing standard and pleasant matt optics. It features high resistance to yellowing and washing off or scrubbing. It can be used for primary and renovation painting of mineral substrates (e.g., concrete, cement renders, cement-lime renders, lime and gypsum renders and plasterboards) and on substrates covered with well-set plastic-based renders/plasters. Absorbent or chalking substrates must be primed with **AQUALIT** primer prior to paint application.

TECHNICAL DATA

Base binder: co-polymer binder;
Pigments: titanium white
The content of volatile organic compounds VOC: cat. A/a. The product contains less than 30 g/l VOC;
Density: approx. 1.50 g/cm^3;
Colour: super white
Gloss level: deep matt;
Thinner: water;
Average coverage: approx. 0.25 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 II paint (according to PN-EN 13300) and class I paint (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 against frost. Keep out of the reach of children.
Shelf life: 18 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 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.
PRIMING: Absorbent or dusty (strongly chalking) substrates should be primed with **AQUALIT** before applying the paint. Drying time for the primer applied on a substrate is about 3 hours under optimum weather conditions (temperature +20°C and relative humidity of 55%). When the primer applied on the substrate is completely dry, **TOP WHITE ANTI-REFLEX** 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.
PAINT PREPARATION: If necessary, the paint can be diluted with a small amount of potable water, by adding 5% by volume to the first painting and to the second painting (when determining the amount of water, the type of substrate, drying conditions and application technique should be taken into account).
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	5-15	1.25
TITAN	Titan 450e	661-517	200	60	10	1.25
GRACO	St Max 495	PAA517	180	60	10	2.3

DRYING: Typical drying time for one layer of paint applied onto a substrate is approx. 3 hours (at air temperature +20°C, 55% RH). After painting, closed rooms should be ventilated until the specific smell disappears. 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.
ADDITIONAL OPTIONS: If the paint is applied on substrates with cracks with a width of up to 0.3 mm (e.g., small shrinking cracks of the mineral render), 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).