

ZENIT LG**NEW FORMULA
WHITE/BASE DU1**

Water-based wall paint washable for interiors, free from emissions and volatile organic compounds (ELF)

USE

Interior walls and ceilings (ceilings, plaster, plasterboard, brickwork, ...)
Ideal for ceilings, bedrooms, children's bedrooms.
Also applicable by spray.

PROPERTY'

- Extreme coverage (Class 1).
- Good washing resistance (Class 2).
- Excellent leveling and uniformity.
- Matte appearance.
- **IAC GOLD:** this product has passed the Eurofins Indoor Air Comfort Quality - GOLD emission tests, which certify compliance with emission limits and provide sustainable building credits in the LEED-BREEAM- WELL BUILDING and CAM fields.
- **TÜV hygiene certificate:** absence of harmful substances (heavy metals, organic compounds, plasticizers) during and after application.
- **ELF Quality**(Emissions- and solvent-free): without plasticizers, without solvents and low emissions (the ELF label is awarded to paints that contain a reduced solvent content or are free of solvents).
- Odorless.
- **Complies with Eurofins Indoor Air Comfort Gold (IAC Gold) indoor emissions test**

**CHARACTERISTICS**

Composition: based on synthetic resins in aqueous emulsion, pigments and selected fillers. **Density:** approx. 1,510 kg/l **Physical parameters according to EN 13300:**

▪ Wet abrasion	class 2	(≥ 5 -m < 20 -m 200 cycles)
▪ Covering power	class 1 (with a yield of approximately 8 m ² /l)	(> 99.5%)
▪ Granulometry	S ₁ end	(< 100 -m)
▪ I wait	G ₃₀ opaque	(< 10 GU 85°) (approx. 2.5)

EU limit value for VOC content: Cat. A/a: 30 g/l 2010.

This product contains a maximum of 1 g/l VOC.

Colors: white and colors available on colorimetric machine.

Packaging: White / Base DU1: 1, 5 and 12.5 l; Base DU3: 1, 5 and 12.5 l.

Conservation: Store the product in its original packaging, tightly closed and in a dry, cool place, away from frost.

INSTALLATION

Application: by brush, roller and spray (also airless: pressure: approx. 160 -180 bar - nozzle: 0.015 - 0.021 inch - 60 mesh filter - angle 40° - 80°).

Dilution: from 20 to 40% by volume with water. NB Dark, intense and bright colours must be applied exclusively by roller, with a brush for profiling, diluted to a maximum of 10% by volume with water. In order to obtain more uniform finishes, especially when applying intense and/or bright colours, after having distributed the paint evenly, direct the roller strokes by blending upwards.

Conditions of application: Application and drying must take place in temperature conditions between +5°C and +30°C and with relative humidity lower than 85%

Theoretical consumption: approx. 70 - 85 ml/m² by hand.

Practical yield: 12 - 14 m²/l per coat. Yield may vary depending on the roughness, porosity and absorption characteristics of the substrates and the application system used.

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Drying (at 23°C and 50% RH):

- Repaintable: after approximately 2 - 3 hours.
- Final drying: after approximately 2 or 3 days.

APPLICATION SYSTEMS

The application system and preparation of the substrates must be evaluated and chosen based on the current state and the conditions to which the substrate itself will be exposed.

Supports: the substrates must be healthy, clean, dry and free from saline efflorescence, mold, algae or fungi. They must not be crumbling or have detached parts.

To clean surfaces contaminated by microorganisms use Fungimos.

Preparation of the supports: clean the surfaces and consolidate the crumbling ones. Repair the surface defects by applying suitable products from the Polyfilla Pro line. Do not apply the product on new plasters for at least 4 weeks. In the case of patched surfaces for which it is necessary to even out the surface texture, it is possible to apply a coat of Fassaden Putzfüller following the instructions given in the respective Technical Data Sheet.

New surfaces:

- Apply a preliminary coat of Putzgrund diluted with water from 1:1 to 1:4 or of Classic Grund diluted up to 20% by volume with water, possibly in the colour most similar to the finish or of white Zenit Universal Isogrund, diluted up to 10% by volume with water.
- Finally, apply two coats of Zenit LG diluted from 20 to 40% by volume with water depending on the application system used.

Surfaces already painted with good quality washable or breathable finishes:

- Apply two coats of Zenit LG diluted 20 to 40% by volume with water depending on the application system used.

Powdery or patchy surfaces:

- Apply a preliminary coat of Multigrund SB solvent-based primer.
- Then apply two coats of Zenit LG diluted 20 to 40% by volume with water depending on the application system used.

SYSTEM FOR BRILLIANT COLORS:

For particularly bright shades, to avoid problems of uneven coverage, we recommend adopting the following application cycle:

- Apply a preliminary coat of Classic Grund pigmented water-based sealer diluted to a maximum of 20% by volume with water, in the shade most similar to the finish.
- Then apply two roller coats of Zenit LG diluted to a maximum of 10% by volume with water.

Recommendations:

- When using very intense or bright colours, it is advisable to apply a transparent varnish with the same level of gloss as a protective coat.

SECURITY INFORMATION

For information on the correct disposal, storage and handling of the product, please consult the relevant Safety Data Sheet.

All technical information contained herein is indicative. For further information, please consult our Technical Assistance service.

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