

## ZENIT PU 30



**Satin-finish hydro-enamel for interior walls, free from emissions and volatile organic compounds (ELF), reinforced with polyurethane resin**

### USE

Multipurpose decorative paint for all types of interior wall surfaces.

### PROPERTY

- Ideal for all interior jobs where respect for the environment and the health of occupants and applicators is important.
- Complies with the requirements of EC Regulation 852/2004 regarding hygiene and cleaning of environments where food products are handled (**HACCP protocol of restaurants, bars, hotel facilities**, etc.)
- Particularly suitable for use in hospital, hotel, school and office environments,
- Good resistance to diluted acids, alkalis and common non-alcohol-containing detergents and solvents. \*
- **TÜV hygiene certificate:** absence of harmful substances (heavy metals, organic compounds, plasticizers) during and after application.
- **ELF Quality**(Emissions and solvent-free): without plasticisers, without solvents and low emissions (the ELF label is awarded to paints that contain a reduced solvent content or are free of solvents).
- Easy to apply
- I wait **satin**
- **Complies with Eurofins Indoor Air Comfort Gold (IAC Gold) indoor emissions test**
- **Compliant with CAM Edilizia requirements (DM 23 June 2022, n°256)**

*\* It is advisable to carry out preliminary tests in a hidden area to check the actual resistance of the product to the detergent used.*

### CHARACTERISTICS

**Composition:** based on synthetic resins in aqueous emulsion reinforced with PU resin, pigments and selected fillers.

**Density:** approx. 1,400 kg/l **Physical parameters according to EN 13300:**

▪ <b>Wet abrasion</b>	class 1	(< 5 -but 200 cycles)
▪ <b>Covering power</b>	class 1 (with a yield of approximately 8 m <sup>2</sup> /l)	(> 99.5%)
▪ <b>Granulometry</b>	S1 end	(< 100 -µm)
▪ <b>I wait</b>	G2 satin	(< 60 GU at 60°) (approx. 25 variable depending on the colour applied)

**EU limit value for VOC content:** Cat. A/b: 100 g/l 2010.

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

**Colors:** white and shades available on colorimetric machine.

**Packaging:** White and Bases: 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 (for small surfaces and profiling), roller and spray (also airless: pressure: approx. 210 bar - nozzle: starting from 0.017 inch - 60 mesh filter - angle 40°- 80°).

**Dilution:** maximum 15 - 20% by volume with water in order to obtain more uniform finishes, especially when applying intense and/or bright colours, after having distributed the product evenly, direct the roller strokes 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%

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**Theoretical consumption:** smooth surfaces: approx. 120 - 150 ml/m<sup>2</sup>

**Practical yield:** 14 - 16 m<sup>2</sup>/l per coat. Yield may vary depending on the roughness, porosity and absorption characteristics of the substrates and the application system used.

### Drying (at 23°C and 50% RH):

- Repaintable: after approximately 4 - 6 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 primer diluted with water from 1:1 to 1:4 or of Classic Grund diluted by a maximum of 20% by volume with water, possibly in the shade most similar to the finish or of white Zenit Universal Isogrund, diluted by a maximum of 10% by volume with water.
- Apply, preferably with a short-haired wool roller, two coats of Zenit PU 30 diluted by 15 - 20% maximum by volume with water.

### Surfaces already painted with good quality washable or breathable finishes:

- Apply a preliminary coat of Classic Grund pigmented primer, diluted to a maximum of 20% by volume with water, possibly in the shade most similar to the finish.
- Finally, apply, preferably with a short-haired wool roller, two coats of Zenit PU 30 diluted by 15%.
  - 20% maximum by volume with water.

### Powdery or patchy surfaces:

- Apply a preliminary coat of Multigrund SB solvent-based primer.
- Finally, apply, preferably with a short-haired wool roller, two coats of Zenit PU 30 diluted by 15%.
  - 20% maximum by volume with water.

### 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.
- Finally, apply, preferably with a short-haired wool roller, two coats of Zenit PU 30 diluted by 15%.
  - 20% maximum 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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