

## ZENIT PU 03



**Super washable, opaque wall water-based enamel, free from emissions and volatile organic compounds (ELF), with polyurethane resin.**

### USE

Super-washable matt water-based enamel for all types of interior wall support, in particular, for environments where high hygiene / sanitary standards are required.

### PROPERTY'

- Ideal for all indoor jobs where respect for the environment and the health of occupants and applicators is important
- Complies with the requirements of the EC Reg. 852/2004 on hygiene and cleaning of environments where food products are treated (**HACCP protocol of restaurants, bars, hotels, etc.**)
- In addition, it is particularly suitable for use in **hospital, school, office environments, ...**
- Good resistance to diluted acids, alkalis and normal detergents not containing alcohol and solvents. \*
- **EPD certification:** Environmental Product Declaration (ISO 14025 and EN 15804)
- **ELF quality**(Emissions-und-lösemittelfrei): without plasticizers, without solvents and reduced emissions; ELF labeling is attributed to paints that contain a low solvent content or are free of them
- **High yield**(compared to the average of products of the same type on the market)
- Appearance **opaque**

\* It is advisable to carry out preventive tests, in a hidden area, in order to check the effective resistance of the product towards the detergent used.

### CHARACTERISTICS

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

**Density:** ca. 1.37 kg / l ± 0.05 kg / dm<sup>3</sup>

**Physical parameters according to EN 13300:**

- |                       |  |                     |
|-----------------------|--|---------------------|
| - <b>Wet abrasion</b> | class 1  | (<5µbut 200 cycles) |
| - <b>Hiding power</b> | class 2 (with a yield of about 6 m <sup>2</sup> / l) | (≥ 98 <99.5%)       |
| - <b>Granulometry</b> | S <sub>1</sub> end                                   | (<100µm)            |
| - <b>Appearance</b>   | G <sub>0</sub> opaque                                | (<2 GU at 85 °)     |

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

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

**Colors:** white and colors available on a colorimetric machine. **Packaging:**

White 5 and 12.5 l; DU1 / DU2 / DU3 bases: 1 - 5 and 12.5 l.

**Storage:** keep the product in its original packaging, tightly closed and in a dry, cool and frost-free environment.

### IMPLEMENTATION

**Application:** by brush (for small surfaces and profiles), roller and spray (also airless: pressure: about 150 - 200 bar - nozzle: starting from 0.017 inch - filter 60 mesh - angle 40 ° - 80 °).

**Dilution:** maximum 15 - 20% by volume with water.

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

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

**Practical yield:** 13 - 15 m<sup>2</sup> / l per hand. The yield may vary according to the roughness characteristics, porosity and absorption of the supports and of the application system adopted.

**Drying (at 23 ° C and 50% RH):**

- Overpaintable: after about 4 - 6 hours.
- Definitive drying: after about 2 or 3 days.

## APPLICATION SYSTEMS

The application system and the preparation of the supports must be evaluated and chosen according to the current state and the conditions to which the support 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 chalky or have parts in detachment.

**Preparation of the substrates:**clean the supports and consolidate the chalking ones. Repair 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 uniform 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 fixative diluted with water from 1: 1 to 1: 3 or of Zenit Universal Isogrund diluted 10% max by volume with water, possibly in the color closest to the finish.
- Apply, preferably with a short-haired wool roller, two coats of Zenit PU 03 diluted to 15 - 20% maximum by volume with water.

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

- Apply a preliminary coat of Zenit Universal Isogrund pigmented undercoat with a maximum dilution of 10% by volume with water, possibly in the color closest to the finish.
- Finally, apply two coats of Zenit PU 03 diluted 15-20% by volume with water, preferably with a short-haired wool roller.

### Chalky or patched surfaces:

- Apply a preliminary coat of Multigrund SB solvent-based primer.
- Finally, apply two coats of Zenit PU 03 diluted 15-20% by volume with water, preferably with a short-haired wool roller.

## BRILLIANT COLOR SYSTEM:

For particularly bright colors to avoid uneven coverage problems, it is recommended to use the following application cycle on each type of substrate:

- Apply a preliminary coat of Zenit Universal Isogrund pigmented water-based insulator diluted to a maximum of 10% by volume of water, in the color closest to the finish.
- Finally, apply two coats of Zenit PU 03 diluted 15-20% by volume with water, preferably with a short-haired wool roller.

### Recommendations:

- In the case of using very intense or bright colors, it is recommended to apply a transparent varnish with the same degree of brilliance as a protective coat.

## SAFETY INFORMATION

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

All the technical indications contained herein are indicative. For further information, consult our Technical Assistance service.

Herbolis a trademark of: **AKZO**

**NOBEL COATINGS SpA  
COMMERCIAL OFFICE e**

ADMINISTRATIVE HEADQUARTERS:

Via Pietro Nenni, 14

28053 Castelletto Sopra Ticino (NO)

Tel. 0331 916611



[www.herbol.it](http://www.herbol.it)  
[service.clienti@akzonobel.com](mailto:service.clienti@akzonobel.com)

## ZENIT PU 03

The effectiveness of our products and systems is based on years of practical experience and research conducted in our laboratories. We guarantee that the quality of the work carried out with our products meets the eligibility requirements set by Akzo Nobel Coatings SpA, provided that all the instructions given by us are correctly followed and the work has been carried out according to skill and professionalism. In the event that the final result has been negatively influenced by circumstances beyond our control, any and all liability is expressly excluded and declined. The buyer is obliged to check whether the delivered products are suitable for the intended use. We reserve the right to modify the content of this document without prior notice.