

Embossed coating for interior & exterior applications

# UZIN RELIEF

Water-soluble embossed architectural coating for interior and exterior areas

## Description:

Water-soluble architectural relief coating. Coats and protects surfaces and facades. It is easily spread with a special roller and covers. It is washable. Indoor and outdoor use. It offers high aesthetics and great resistance to weather conditions, atmospheric pollution, and ultraviolet radiation. Combines high whiteness, coverage, easy application with spread ability, without roller marks and splices. It can be repainted with plastic or acrylic paints.

- ▶ Strong embossed texture for relief decorations
- ▶ High whiteness
- ▶ Coverage
- ▶ Easy and fast application
- ▶ Solvent and odor free
- ▶ Low emissions

## Suitable for use on:

- ▶ Absorbent substrates like cement screeds, calcium sulphate screeds and concrete.
- ▶ Calcium/cement plasters, cement boards
- ▶ Gypsum plates / Ytong
- ▶ Wood and OSB properly primed
- ▶ Ceilings and walls in any space where high resistance to weather conditions and contamination is required.

## Product properties / advantages:

Water-soluble architectural coating for walls and ceilings of indoor and outdoor areas. Protects and decorates. High coverage and performance. Superior whiteness and excellent cohesion on to all types of mineral substrates, wood and OSB. It is not dangerous for human health and the environment.

Composition: Modified copolymer resins with inorganic fillers and suitable auxiliaries.

## Technical Data:

|                              |                               |
|------------------------------|-------------------------------|
| Package:                     | PE containers                 |
| Sizes:                       | 15 kg and 5 kg                |
| Storage:                     | minimum 12 months             |
| Color:                       | White                         |
| Viscosity:                   | 40000-55000 mPas              |
| Density:                     | 1,60 ± 0,02 Kg/ltr (ISO 2811) |
| pH:                          | 8-9 at +20°C                  |
| Consumption:                 | 1-1.5 kg/m <sup>2</sup>       |
| Min application temperature: | 10 °C                         |
| Ideal working temperatures:  | 15 - 25°C substrate           |
| Drying Time:                 | 60-120 minutes*               |

\* At 20 °C and 65 % R.H. See also "Consumption Table".

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## Substrate preparation:

The substrate must be sound, load bearing, dry, free from cracks, clean and free from materials (dirt, oil, grease), that would impair adhesion. Uneven or areas with stagnating water must be abraded and vacuumed off or be repaired first with the recommended UZIN mortar before applying RELIEF.

Test the substrate in accordance with applicable standards and bulletins and report any deficiencies.

Any adhesion-reducing or unstable layers e.g., release agents, loose adhesives, compounds, covering or paint residues etc. must be removed, e.g., by brushing, abrading, grinding, or shot-blasting. Thoroughly vacuum off loose material and dust. Allow any primers that are applied to dry completely.

Refer to the product data sheets for other products used.

## Application:

1. Allow the container to reach room temperature before use and shake well, before the use and then empty content into a clean, oval bucket.
2. Prime newly and old surfaces with UZIN PE-421 or UZIN SB-500.
3. Apply the first coat with a roller or brush. To make designs/patterns you can use special decorative foam or rubber rollers over the fresh first coat.
4. Drying: Allow any layers that are applied to dry completely to get a uniform film. Normal time for drying is 1-2 hours for gypsum and plasters, and 2-4 hours for absorbent surfaces like cement screed and concrete. Drying time always depends on relative temperature and humidity. Best apply 2 successive layers if required.
5. Clean tools with water immediately after use.

## Consumption data:

| Substrate                                  | Consumption             | Drying                     |
|--|-------------------------|----------------------------|
| Cement screeds, concrete                   | 1-1,5 kg/m <sup>2</sup> | Approx.<br>60-120 minutes* |
| Calcium sulphate screeds, gypsum, plasters | 1-1,5 kg/m <sup>2</sup> | Approx.<br>45-60 minutes*  |
| Non-absorbent surfaces                     | 1-1,5 kg/m <sup>2</sup> | Approx.<br>90-120 minutes* |

\* At 20°C and 65% R.H.

## Important notes:

- ▶ Shelf-life min. 12 months in original packaging when stored in moderately cool conditions. Re-seal opened containers tightly and use contents as quickly as possible. Allow product to reach room temperature before processing.
- ▶ Optimum working at 15 - 25 °C, substrate temperature over 15°C and relative humidity below 65 %. Mind dewpoint to avoid failures, due to water vapor condensation. Low temperatures and high humidity will delay whilst high temperatures and low humidity will accelerate the drying time.
- ▶ Do not use on chipboard, OSB or other wood-based substrates without proper priming to prevent water absorption and wood swelling.
- ▶ Observe generally acknowledged industry and technology best practice, plus the respective applicable national standards. (e.g., EN, DIN).

## Protection of the workplace and the environment:

Very low emissions- To the best of current knowledge, does not emit any relevant emissions of formaldehyde, harmful substances, or other volatile organic compounds (VOCs) based on the Directive 2004/42/CE (Annex II, Table A). The maximum allowable VOC content for the product subcategory, type of water-soluble product is 30g / l (2010). The product contains <30g/lt VOC. Odorless as well as ecologically and physiologically harmless when fully dried. **For allergy information, call the poison control center +30 210 7793777 (Greece).**

## Disposal:

Collect and reuse product residues wherever possible. Do not dispose of into the sewer system, open water, or the soil. Empty, plastic containers (scraped clean and drip-free) can be recycled. Containers with liquid residues are classified as special waste, as are collected liquid product residues. Containers with residues that have dried solid are classified as construction / household waste.