

## CONCRETE FINISH



**Smooth semi-matt acrylic water-based paint specifically for painting reinforced concrete works**

### USE

Acrylic water-based paint specifically for decorating concrete works.

### PROPERTY

- Semi-matte effect.
- High resistance to carbon dioxide and sulfur dioxide. Slows down the carbonation process.
- Excellent resistance to atmospheric agents.
- Added with an active ingredient to prevent the formation of microorganisms (algae, mold,...)

### CHARACTERISTICS

**Composition:** based on acrylic resins in aqueous emulsion, pigments and selected fillers resistant to light and alkalis.

**Density:** approx. 1.30 kg/l **Physical**

**parameters according to EN 1062:**

- <b>Brilliance</b>	G3 opaque	(< 10 GU 85°)
- <b>Thickness</b>	AND3	(> 100 -m and ≤ 200 -m)
- <b>Granulometry</b>	S1end	(< 100 -m)

**EU limit value for VOC content:** Cat. A/c: 40 g/l 2010. This product contains a maximum of 35 g/l VOC.

**Colors:** White and tints available on colorimetric machine.

**Packaging:** White and Bases DU1 and DU2: 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. 140 - 180 bar – nozzle: starting from 0.019 inch - filter: 60 mesh – angle 40° - 80°)

**Dilution:** dilutable with water from 10 to 15%

**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:** minimum about 80 ml/m<sup>2</sup> by hand.

**Practical yield:** about 12 - 14 m<sup>2</sup>/l per coat. Yield may vary depending on the roughness, porosity and absorption characteristics of the substrates.

**Drying (at 23°C and 50% RH):**

- Recoatable after approx. 6 - 8 hours. Fully
- dried: after approx. 7 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 supports 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 substrates for at least 4 weeks. **New**

**reinforced concrete works:** do not treat for at least 4 weeks.

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Clean the substrate thoroughly by high pressure washing; any saline efflorescence, mould, algae or fungi must be removed beforehand and adequately treated with Fungimos.

- Apply one coat of Multigrund SB

Then apply:

- A first coat of Beton Finish diluted to a maximum of 15% by volume with water.
- A second coat of Beton Finish diluted to a maximum of 10% by volume with water.

**Old reinforced concrete works:** Clean the substrate thoroughly by high pressure washing; any saline efflorescence, mould, algae or fungi must be removed beforehand and adequately treated with Fungimos.

Restore any surface defects using specific products for reinforced concrete works and wait the necessary time for curing.

- Apply one coat of Multigrund SB.

Then apply:

- A first coat of Beton Finish diluted to a maximum of 15% by volume with water.
- A second coat of Beton Finish diluted to a maximum of 10% by volume with water.

### Recommendations:

- It is recommended to apply the product in favourable climatic conditions as indicated, the application of the product carried out in unsuitable conditions negatively influences the drying times compromising the achievement of optimal aesthetic and performance characteristics.
- It is recommended to use shade cloths on the scaffolding to protect from the sun's rays and any rain.

### STABILITY AND RESISTANCE OF THE FILM TO ATMOSPHERIC AGENTS

The product takes 8 - 10 days to complete the polymerization process, during which time it is partially sensitive to rainwater which, when hitting the painted surfaces, can partially remove the stabilizing additives, giving rise to unsightly drips with a translucent and sticky appearance.

The phenomenon, which is temporary in nature, does not alter the protective qualities and durability of the finish and can be eliminated with a simple power wash or naturally following subsequent rain events.

## 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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