

# ISOMAT PREMIUM COLOR

## ECO SATIN

Premium, eco-friendly, satin emulsion paint for interior use

### Description

ISOMAT PREMIUM COLOR ECO SATIN is a premium, eco-friendly, satin emulsion paint for interior use, certified with the Ecolabel, as it meets the requirements of the European Union Ecolabelling Board (EUEB). Features excellent surface coverage and opacity while offering great workability and flow, as well as outstanding resistance to frequent washing and aging. Provides strong adhesion to any kind of old or new substrate. Offers a beautiful satin finish. Almost odorless.

### Fields of application

ISOMAT PREMIUM COLOR ECO SATIN is used for indoor applications, on new or old surfaces, on all common building materials, such as concrete, plaster, gypsum boards, etc.

### Technical data

Colors:	ISOMAT COLOR SYSTEM
Type:	vinyl
Viscosity (KU): (ASTM D-562)	115±5KU
Density: (EN ISO 2811-1)	1.39±0.03 kg/l
pH: (EN ISO 4316)	8-9.5 at +23°C
Adhesion: (EN ISO 4624)	≥ 2.90 N/mm <sup>2</sup>
Drying time: (EN ISO 9117)	1 h (touch dry)
Recoat time:	3-4 h
Capillary water absorption: (EN ISO 1062- 3: W <sub>3</sub> low, w < 0.10 Kg/m <sup>2</sup> h <sup>0.5</sup> )	0.04±0.02 Kg/m <sup>2</sup> h <sup>0.5</sup>
Vapor permeability: (EN ISO 7783-2: V <sub>2</sub> medium, 0.14 < S <sub>d</sub> < 1.4)	S <sub>d</sub> =0.30±0.05 m

### Measurements acc. EN 13300:

Gloss level: (EN ISO 2813: < 60, angle of incidence 60°)	Satin = 40
Opacity: (EN ISO 6504-3)	≥ 98.7% (Spreading rate: ≥10 m <sup>2</sup> /l)
Whiteness: (EN ISO 6504-3)	≥ 90%
Wet scrub resistance (EN ISO 11998: <5 µm after 200 washing cycles)	CLASS I

Drying and recoat times may be increased by low temperatures and high humidity and reduced under high temperatures and low humidity conditions.

### Cleaning of tools:

Tools should be cleaned with water, immediately after use.

### Directions for use

#### 1. Substrate preparation

The substrate should be dry and free of grease, loose particles, dust, etc.

- Cracks or joints should be filled with ISOMASTIC-A acrylic sealant.
- Concrete imperfections should be repaired with DUROCRET polymer-modified mortar.
- Plastered wall should be repaired with UNICRET and UNICRET-FAST premixed mortars.
- For puttying surfaces, STUCCOCRET cement-based putty should be used.

The substrate should be primed with the acrylic, micronized, water-based primer PRIMER CLASSIC, thinned by up to 50% with clean water. PRIMER CLASSIC is also ideal for the stabilization of loose or crumbly substrates. Priming is not necessary on already painted surfaces as long as the old paint is sound.

#### 2. Application

Before use, stir the content gently and apply as it is or thinned 5% to 10% with clean water. ISOMAT PREMIUM COLOR ECO SATIN is applied in two coats with a roller, brush or airless gun. The second coat is applied once the first one has completely dried.

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The application should be postponed in case very low/very high temperatures (below 8°C or above 35°C) or conditions of relative humidity over 85% are expected. Harsh weather conditions might negatively affect the properties of the paint.

### Coverage

ISOMAT PREMIUM COLOR ECO SATIN covers 10-12 m<sup>2</sup>/l, on previously prepared surfaces. (EN ISO 6504- 1).

### Packaging

ISOMAT PREMIUM COLOR ECO SATIN is supplied in containers of 0.75 l, 3 l and 10 l.

### Shelf life – Storage

24 months from production date if stored in original, unopened packaging, at temperatures between +5°C and +35°C. Protect from direct sunlight and frost.

### Volatile Organic Compounds (VOCs)

According to Directive 2004/42/CE (Annex II, table A), the maximum allowed VOC content for the product subcategory a, type WB is 30 g/l (2010) for the ready-to-use product.

The ready-to-use product ISOMAT PREMIUM COLOR ECO SATIN contains ≤ 10 g/l VOC.

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