

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. 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. Delivers a beautiful satin finish. Nearly odorless. Certified according to the criteria of the European Union Ecolabelling Board (EUEB). Complies with EN 71-3:2019 + A1:2021 Toy Safety Standard. Has achieved the Eurofins Indoor Air Comfort GOLD certification, which sets the stringent criteria for very low emissions of volatile organic compounds (VOCs) and contributes to good indoor air quality, ensuring a safe and healthy living environment. Classified A+ (the highest rating), according to the French VOC regulation, for evaluation of VOC emissions.

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
Volume solids:	44 ± 2%
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 ²
Drying time: (EN ISO 9117)	1 h (touch dry)

Recoat time: 3-4 h

Capillary water absorption: $w = 0.04 \pm 0.02 \text{ kg/m}^2\text{h}^{0.5}$
(EN ISO 1062- 3: W₃ low, $w < 0.10 \text{ kg/m}^2\text{h}^{0.5}$)

Vapor permeability: $S_d = 0.30 \pm 0.05 \text{ m}$
(EN ISO 7783-2: V₂ medium, $0.14 < S_d < 1.4$)

Measurements acc. to EN 13300:

Gloss level: 15-35, Satin
(EN ISO 2813: < 60 at 60°)

Whiteness: ≥ 90%
(EN ISO 6504-3)

Wet scrub resistance CLASS 1
(EN ISO 11998: <5 µm, after 200 washing cycles)

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 or ISOMAT ACRYL-STUCCO acrylic filler.
- Concrete imperfections should be repaired with DUOCRET polymer-modified mortar.
- Plastered wall should be repaired with UNICRET and UNICRET-FAST premixed mortars.
- For smoothing of surfaces, STUCCOCRET powder filler should be used.

The substrate should be primed with the acrylic, micronized, water-based primer PRIMER-CLASSIC, thinned up to 50% with clean water. PRIMER-CLASSIC is also ideal to use for the stabilization of loose or crumbly substrates. As an alternative to PRIMER-CLASSIC, the acrylic water-based primer FLEX-PRIMER may also be used.



ISOMAT PREMIUM COLOR

ECO SATIN

When it comes to dark paint colors, it is recommended to apply a coat of ISOMAT PREMIUM COLOR ECO SATIN tinted in a light shade of the same color tone on a base with higher opacity (e.g. base P).

Surfaces stained by smoke, nicotine, exhaust fumes, water-soluble markers, pencils, etc. should be primed with the stain blocker BLOCK-PRIMER. 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.

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 approx. 12 m²/l per coat, on previously prepared surfaces.

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.

ISOMAT S.A.
BUILDING CHEMICALS, MORTARS & PAINTS
HEADQUARTERS – THESSALONIKI, GREECE
17th km Thessaloniki – Ag. Athanasios Road
P.O. BOX 1043, 570 03 Ag. Athanasios, Greece
T +30 2310 576000

www.isomat.eu e-mail: support@isomat.eu