

ISOMAT PREMIUM COLOR

Premium emulsion paint for interior use

Description

ISOMAT PREMIUM COLOR is a premium matt emulsion paint with exceptional durability, for use on interior walls and ceilings. Features excellent surface coverage and opacity while offering great workability and flow. Has outstanding resistance to frequent washing and aging. Provides strong adhesion to any type of new or old substrate. Dries quickly to a beautiful matt finish. Nearly odorless. Complies with Toy Safety Standard EN 71-3:2019 + A1:2021, Category III, on migration of certain elements.

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.

ISOMAT PREMIUM COLOR has received an Environmental Product Declaration (EPD) following an assessment of its life-cycle environmental impacts. Registration No: S-P-09671, The International EPD® System.

Density (WHITE): 1.46 ± 0.03 kg/l
(EN ISO 2811- 1)

Adhesion: ≥ 2 N/mm²
(EN ISO 4624)

pH: 8-9.5
(EN ISO 4316)

Drying time: ~ 1 h (touch dry)
(EN ISO 9117)

Recoat time: 3-4 h
(EN ISO 9117)

Vapor permeability: S_d = 0.20 ± 0.04 m
(EN ISO 7783- 2, V₂ medium, 0.14 < S_d < 1.4)

Capillary water absorption: w = 0.04 ± 0.02 kg/m²h^{0.5}
(EN ISO 1062- 3: W₃ low, w < 0.10 kg/m²h^{0.5})

VOC content: 12.6 g/l

Measurements acc. to EN 13300

Gloss level: < 5, Dead matt
(EN ISO 2813: < 5 at 85°)

Whiteness: ≥ 87%
(ASTM E313-15)

Wet Scrub Resistance: CLASS 1
(EN ISO 11998: < 5 µm, at 200 wash cycles)

Fields of application

ISOMAT PREMIUM COLOR is used for indoor applications, on new or old surfaces, on all common building materials, such as concrete, plaster, gypsum boards, etc. For use also on surfaces treated with acrylic or cement-based fillers.

Technical data

Colors: white and thousands of colors (ISOMAT COLOR SYSTEM)

Type: vinyl

Volume solids: 44 ± 2 %

Dry film thickness: 32 ± 3 µm
(EN ISO 2808)

Wet film thickness: 72 ± 5 µm
(EN ISO 2808)

Viscosity: 115 ± 5 KU
(EN ISO 2884- 2)

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 may 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 may be repaired with UNICRET and UNICRET-FAST premixed mortars.
- For surface smoothing, STUCCOCRET powder filler should be used.



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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.

When it comes to dark paint colors (Base TR), it is recommended to apply a coat of ISOMAT PREMIUM COLOR 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

ISOMAT PREMIUM COLOR should be thoroughly stirred before use. It is applied as is or thinned 5-10% with clean water, in two coats using a roller, brush, or airless gun. The second coat is applied once the first one has completely dried.

Coverage

ISOMAT PREMIUM COLOR covers approx. 12 m²/l per coat, on previously prepared surfaces.

Packaging

ISOMAT PREMIUM COLOR is supplied in buckets 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 contains a maximum of 30 g/l VOC.

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