

Technical Datasheet

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 kind of new or old substrate. Dries quickly to a beautiful matt finish. Almost odorless.

Fields of application

ISOMAT PREMIUM COLOR is used for indoor applications, on new or old surfaces, on common building materials such as concrete, plaster, gypsum boards, etc. Furthermore for use on surfaces puttied with acrylic or cementitious putties.

Technical data

Colors:	white and thousands of colors (ISOMAT COLOR SYSTEM)
Type:	vinyl
Volume solids content:	44±2 %
Dry film thickness: (EN ISO 2808)	32±3 µm
Wet film thickness: (EN ISO 2808)	72±5 µm
Viscosity: (EN ISO 2884- 2)	115±5 KU
Density (WHITE): (EN ISO 2811- 1)	1.46±0.03 kg/l
Adhesion: (EN ISO 4624)	≥ 2 N/mm ²
pH: (EN ISO 4316)	8- 9.5
Drying time: (EN ISO 9117)	~1 h (touch dry)
Recoat time:	3-4 h
Vapor permeability: (EN ISO 7783- 2: 1999: V ₂ medium, 0.14<S _d < 1.4)	S _d = 0.20±0.04 m

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. EN 13300

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

Hiding power (Opacity): ≥ 93%
(EN ISO 6504- 3)

Whiteness: ≥ 87%
(ASTM E313-15)

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

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.
- Concrete imperfections should be repaired with DUOCRET polymer-modified mortar.
- Plastered wall may be repaired with UNICRET and UNICRET-FAST premixed mortars.
- For putting surfaces, STUCCOCRET spatula putty should be used.

The surface 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. Priming is not necessary on already painted surfaces as long as the old paint is sound.

2. Application

Before using, gently stir the content lightly and apply as it is or thinned 5-10% with clean water. ISOMAT PREMIUM COLOR 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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Coverage

ISOMAT PREMIUM COLOR covers 12 m²/l, on previously prepared surfaces.
(EN ISO 6504- 1).

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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