

ISOMAT PROFESSIONAL COLOR

Emulsion paint for interior use, ideal for professionals

Description

ISOMAT PROFESSIONAL COLOR is a matt emulsion paint for interior use, ideal for professionals. Suitable for surfaces requiring frequent painting, such as in public buildings, hotels, hospitals, schools, entertainment venues, etc. Features high opacity and surface coverage while offering great workability and flow. Has high resistance to washing and aging, as well as quick-drying and recoat times. Offers a beautiful matt finish. Almost odorless.

Fields of application

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

Technical data

Colors:	white and thousands of colors (ISOMAT COLOR SYSTEM)
Type:	acrylic paint
Volume solids content:	40 ± 2%
Dry film thickness: (EN ISO 2808)	30 ± 2 µm
Wet film thickness: (EN ISO 2808)	70 ± 5 µm
Viscosity: (EN ISO 2884- 2)	115 ± 5 KU
Density of white: (EN ISO 2811- 1)	1.60 ± 0.03 kg/l
Adhesion: (EN ISO 4624)	≥1.5 N/mm ²
pH: (EN ISO 4316)	8- 9.5
Drying time: (EN ISO 9117)	~1 h (touch dry)
Recoat time: (EN ISO 9117)	3-4 h
Vapor permeability: (EN ISO 7783- 2: V ₁ high, S _d < 0.14)	S _d = 0.01 ± 0.005 m

Capillary water

absorption: w= 0.95 ± 0.05 Kg/m²h^{0.5}
(EN ISO 1062- 3: W₁ high, w < 0.50)

VOC content: 14.5 g/l

Measurements acc. EN 13300

Gloss level: Matt
(EN ISO 2813: < 10 at 85°)

Hiding power (Opacity): ≥ 94 %
(EN ISO 6504- 3)

Whiteness: ≥ 88%
(ASTM E313-15)

Wet Scrub Resistance: CLASS II
(EN ISO 11998: ≥ 5 µm & < 20 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 DUROCRET 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 substrate should be primed with the acrylic, micronized, water-based primer PRIMER CLASSIC, thinned up to 50% with clean water, or with the acrylic, water based primer PRIMER PROFESSIONAL, thinned up to 300% with clean water. In case you are going to paint with dark colors, as an alternative to PRIMER CLASSIC, you can prime the substrate with the acrylic, water-based primer FLEX-PRIMER, tinted in the desired final color. Priming is not necessary on already painted surfaces, as long as the old paint is sound.

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2. Application

Before use, gently stir the content and apply as it is or thinned with 5-10% clean water. ISOMAT PROFESSIONAL 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.

Coverage

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

Packaging

ISOMAT PROFESSIONAL COLOR is supplied in 0.75 l, 3 l and 9 l containers.

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 PROFESSIONAL COLOR contains a maximum of 30 g/l VOC.

ISOMAT S.A.

BUILDING CHEMICALS AND MORTARS

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