

ISOMAT STANDARD COLOR

Emulsion paint for interior use

Description

ISOMAT STANDARD COLOR is a matt emulsion paint for use on interior walls and ceilings. Suitable for new or old surfaces requiring frequent painting, such as in public buildings, hotels, hospitals, schools, etc. Features very good opacity and surface coverage while offering great workability and flow. Has quick-drying and recoat times. Offers a beautiful matt finish. Almost odorless.

Fields of application

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

Technical data

Colors:	white and thousands of selected colors (ISOMAT COLOR SYSTEM)
Type:	acrylic paint
Volume solids content:	41 ± 3%
Dry film thickness: (EN ISO 2808)	32 ± 3 µm
Dry film thickness: (EN ISO 2808)	74 ± 5 µm
Viscosity: (ASTM D562)	115 ± 5 KU
Density: (EN ISO 2811- 1)	1.61 ± 0.03 kg/l
Adhesion: (EN ISO 4624)	≥ 1.25 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: V1 high Sd < 0.14)	Sd= 0.01 ± 0.005 m

Capillary water absorption:
(EN ISO 1062- 3: W1 high 0.50<w)
(EN ISO 9117)

w= 1.2 ± 0.05 Kg/m²h^{0.5}

VOC: 14.5 g/l

Measurements acc. EN 13300

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

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

Whiteness: ≥ 86%
(EN ISO 6504- 3)

Wet scrub resistance: CLASS III
(EN ISO 11998: ≥20 µm and <70 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 puttying 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 or with the acrylic, water-based primer PRIMER PROFESSIONAL, thinned up to 300% with clean water. These primers are also ideal to use to stabilize a loose or crumbly substrate.

In case you are going to paint with dark colors, as an alternative to PRIMER CLASSIC and PRIMER PROFESSIONAL, 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 using, stir the content gently and apply as it is or thinned 5-10% with clean water. ISOMAT STANDARD COLOR is applied in two coats with a roller, brush or airless gun. The second coat is applied once the first coat has completely dried.

Coverage

ISOMAT STANDARD COLOR covers 12 m²/l, on previously prepared surfaces.

Packaging

ISOMAT STANDARD COLOR is supplied in containers of 3 l and 9 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 STANDARD COLOR contains a maximum of 30 g/l VOC.

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