

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 periodic repainting, e.g. 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. Delivers a beautiful matt finish. Nearly 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:	emulsion paint
Volume solids:	41 ± 2%
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: (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: $w = 1.2 \pm 0.05 \text{ kg/m}^2 \text{h}^{0.5}$
(EN ISO 1062-3: W₁ high 0.50 < w)

VOC content: 14.5 g/l

Measurements acc. to EN 13300

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

Whiteness: ≥ 86%
(EN ISO 6504- 3)

Wet scrub resistance: CLASS 3
(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 or ISOMAT ACRYL-STUCCO acrylic filler.
- Concrete imperfections should be repaired with DUROCRET polymer-modified mortar.
- Plastered wall may 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 concentrated, acrylic water-based primer ISOMAT PROFESSIONAL PRIMER, thinned 300-400% with clean water.

Loose or crumbly substrates should be primed with the acrylic, micronized, water-based primer PRIMER-CLASSIC, thinned up to 50% with clean water.

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.

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2. Application

ISOMAT STANDARD COLOR should be thoroughly stirred before use. It is applied as 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 approx. 12 m²/l per coat, 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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