

ISOMAT PROFESSIONAL CLASSIC

Acrylic copolymer emulsion paint for interior use

Description

Acrylic copolymer emulsion paint for interior use. ISOMAT PROFESSIONAL CLASSIC is recommended for use in spaces, where frequent painting is required, such as public buildings, hotels, hospitals, schools, entertainment venues etc. It is characterized by great workability, surface coverage, opacity as well as high resistance to washing and aging. It dries quickly, thus can be promptly recoated.

Fields of application

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

Technical data

Colors:	white and 1423 selected colors (ISOMAT COLOR SYSTEM)
Type:	100% acrylic copolymer emulsion paint
Flash point:	>98 °C
Volume solids content:	44%
Viscosity (Poise): (EN ISO 2884- 2)	15
Density: (EN ISO 2811- 1)	1,59 kg/l
Adhesion: (EN ISO 4624)	1,20 N/mm ²
pH: (EN ISO 4316)	8,5 (+23°C)
Dry film thickness: (EN ISO 2808)	36,5 µm (Wet film: 83 µm)
Drying Time: (EN ISO 9117)	1 h in 23 °C (to the touch)
Recoating in:	3-4 h in 23 °C (EN ISO 9117)

Lead free: Complies with ASTM D333/64

Flexibility: Elongation at break point 20 % (ASTM D412).

Fineness of grid: 10 µm (ASTM D 1210).

Vapor permeability: $S_d = 0,111$ m (EN ISO 7783- 2: V_1 high, $S_d < 0,14$)

Capillary water absorption: $w = 0,18$ Kg/m²h^{0,5} (EN ISO 1062- 3: W_2 medium, $0,10 < w < 0,50$)

Measurements acc. EN 13300

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

Hiding power (Opacity): min 98,6 % (EN ISO 6504- 3)

Whiteness: min 89 % (EN ISO 6504- 3)

Wet Scrub Resistance: CLASS II (EN ISO 11998: ≥ 5 µm & < 20 µm at 200 wash cycles)

Voc content=14,8g/l Complies with directive 2004/42/CE (Annex II, Table A) product subcategory c, type WB.

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

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with the acrylic, water based primer PRIMER PROFESSIONAL, thinned up to 10% with clean water. Priming is not necessary on already painted surfaces, as long as the old paint is sound.

2. Application

Before use, lightly stir the content and apply as it is or thinned with 5-10% clean water. ISOMAT PROFESSIONAL CLASSIC 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 PROFESSIONAL CLASSIC covers 12 m²/l, when applied on previously prepared surfaces.
(EN ISO 6504- 1).

Packaging

ISOMAT PROFESSIONAL CLASSIC is supplied in 0,75 l, 3 l and 10 l containers.

Shelf-life - Storage

24 months from production date, if stored in original, unopened packaging, at temperatures between +5oC and +35oC. Protect from direct sun exposure and frost.

Volatile Organic Compounds (VOCs)

According to the 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 CLASSIC contains a maximum of 30 g/l VOC.

ISOMAT S.A.

BUILDING CHEMICALS AND MORTARS

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