

ISOMAT CLASSIC

High-quality emulsion paint for interior use

Description

High-quality emulsion paint for interior use. ISOMAT CLASSIC is characterized by excellent surface coverage and workability, as well as superb resistance to frequent washing and aging. It provides strong adhesion to any kind of old or new substrate like plaster, concrete, gypsum boards, etc. It is ammonia free and provides an excellent matt finish.

Fields of application

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

Technical data

Colors: white and 1950 selected colors (ISOMAT COLOR SYSTEM)

Type: 100% emulsion paint

Gloss level (EN 13300): Matt
(EN ISO 2813: < 10 at 85°)

Volume solid: 43%

Viscosity (Poise): 15
(EN ISO 2884- 2)

Density: 1.43 kg/l
(EN ISO 2811- 1)

pH: 8,3 (+23⁰C)
(EN ISO 4316)

Opacity (EN 13300): 98%
(EN ISO 6504- 3)

Whiteness (EN 13300): 90%
(EN ISO 6504- 3)

Bond strength: 1.90 N/mm²
(EN ISO 4624)

Wet Scrub Resistance (EN 13300): CLASS I
(EN ISO 11998: < 5 µm at 200 wash cycles)

Dry film thickness: 43µm (wet film: 100 µm)
(EN ISO 2808)

Drying Time: 1 h (to the touch)
(EN ISO 9117)

Recoating in: 4 h

Vapor permeability: Sd= 0,247 m
(EN ISO 7783- 2: V2 medium, 0, 14<Sd< 1, 4)

Capillary water absorption: w= 0,09 Kg/m²h^{0,5}
(EN ISO 1062- 3: W3 low, w< 0, 10 Kg/m²h^{0,5})

Artificial weathering:
No blistering, no flaking, no chalking, no cracking
(EN 1062-11 after 2000h).

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 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. PRIMER CLASSIC is also ideal to use for the stabilization of the surface, when the substrate is loose or crumbly. Priming is not necessary on already painted surfaces, as long as the old paint is sound.

2. Application

Before using, stir the content lightly and apply as it is or thinned 5-10% with clean water. ISOMAT CLASSIC is applied in two coats with a roller,

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brush or airless gun. The second coat is applied once the first coat has completely dried.

Coverage

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

Remarks

Airless spray application guide

Thinner: Water (max 15% by volume)
Nozzle tip: 0,013"- 0,015" (0.33mm - 0.38 mm)
Pressure at nozzle: 2000 PSI (14 MPa)

The tests were held out with Wagner airless spraying machine. (230 V)

Packaging

ISOMAT CLASSIC 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 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 CLASSIC contains a maximum of 30 g/l VOC.

ISOMAT S.A.
BUILDING CHEMICALS AND MORTARS
MAIN OFFICES - FACTORY:
17th km Thessaloniki - Ag. Athanasios Road,
P.O. BOX 1043, 570 03 Ag. Athanasios, Greece,
Tel.: +30 2310 576 000, Fax: +30 2310 722 475
www.isomat.eu e-mail: info@isomat.eu