

ISOMAT BATH & KITCHEN

High-quality, antimold emulsion paint

Description

High-quality, antimold emulsion paint for interior use. Thanks to its special fungicidal ingredients, ISOMAT BATH & KITCHEN drastically prevents the growth of mold and bacteria, in areas with high concentration of moisture and vapors, such as kitchens, bathrooms, basements etc. It 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, bricks, gypsum boards, wood, etc. It is ammonia free and provides an excellent mat finish. Certified for its antibacterial activity, according to ISO 22196: 2011.

Fields of application

ISOMAT BATH & KITCHEN is used for indoor applications especially on wet areas, on new or old surfaces, on ordinary building materials such as concrete, plaster, gypsum boards, etc.

Technical data

Colors: white and 1330 selected (ISOMAT COLOR SYSTEM)
 Type: 100% emulsion paint
 Viscosity (Poise): 15 (EN ISO 2884- 2)
 Flash point: >98 °C
 Volume solids content: 43%
 Dry film thickness: 43 µm (Wet film: 100 µm) (EN ISO 2808)
 Density: 1,43 kg/l (EN ISO 2811- 1)

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

pH: 8,5 (+23°C)
 (EN ISO 4316)

Drying Time: 1 h in 23 °C (to the touch)
 (EN ISO 9117)

Recoating in: 3-4 h in 23 °C
 (EN ISO 9117)

Lead free: Complies with ASTM D333/64

Flexibility: Elongation at break point 39 %
 (ASTM D412).

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

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

Capillary water absorption: w= 0,08 Kg/m²h^{0,5}
 (EN ISO 1062- 3: W₃low w < 0,10)

Measurements acc. EN 13300

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

Hiding power (Opacity): min 98,4 %
 (EN ISO 6504- 3)

Whiteness: 92,3 %
 (EN ISO 6504- 3)

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

Antibacterial activity: Excellent, R>4.7
 Bacteria death >99.9%
 (ISO 22196, test against Staphylococcus aureus and Escherichia coli, requirement R>2)

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

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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.

For the recoating of surfaces with mold growth, cleaning with ISOMAT's antimold cleaning agent CL-MOLD is required. After 24 hours, remove the mold traces, rinse with clean water and allow the surface to completely dry.

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 BATH & KITCHEN is applied in two coats with a roller, brush or airless gun. The second coat is applied once the first coat has completely dried. Temperature during application and drying should be between +10°C and +35°C.

Coverage

ISOMAT BATH & KITCHEN covers 12 m²/l, on previously prepared surfaces.

Packaging

ISOMAT BATH & KITCHEN 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 BATH & KITCHEN contains a maximum of 30 g/l VOC.

ISOMAT S.A.

BUILDING CHEMICALS AND MORTARS

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