

ISOMAT STANDARD ACRYL

Acrylic paint for exterior use

Description

ISOMAT STANDARD ACRYL is a matt acrylic paint for exterior use. Suitable for new or old surfaces requiring frequent repainting, e.g. public buildings, hotels, hospitals, schools, etc. Features very good opacity and surface coverage while offering great workability and flow. Shows good resistance to weather conditions and aging. Has quick-drying and recoat times. Offers a beautiful matt finish.

Fields of application

ISOMAT STANDARD ACRYL is used for outdoor applications, on new or old surfaces, on substrates such as concrete, plaster, bricks, gypsum boards, asbestos cement, wood, etc. It constitutes an economic and reliable solution for painting.

Technical data

Colors:	white and thousands of colors (ISOMAT COLOR SYSTEM)
Type:	acrylic paint
Volume solids:	44 ± 2
Dry film thickness: (EN ISO 2808)	31 ± 2 µm
Wet film thickness: (EN ISO 2808)	70 ± 5 µm
Viscosity: (EN ISO 2884- 2)	115 ± 5 KU
Density (WHITE): (EN ISO 2811- 1)	1.47 ± 0.03 kg/l
Adhesion: (EN ISO 4624)	≥ 2 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: Sd = 0.04 ± 0.02 m
(EN ISO 7783- 2: V₁ high, Sd < 0.14)

Capillary water absorption:
(EN ISO 1062- 3: W₂ medium, 0.10 < w < 0.50 kg/m²h^{0.5})

w = 0.23 ± 0.02 kg/m²h^{0.5}

Gloss level:
(EN ISO 2813)

< 10 at 85°

Whiteness:
(ASTM E313-15)

≥ 84%

Cleaning of tools:

Remove as much paint as possible from application tools before cleaning. Clean tools thoroughly with water and detergent 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 are filled with ISOMASTIC-A acrylic sealant or ISOMAT ACRYL-STUCCO acrylic filler.
- Any imperfections on concrete should be patched with DUROCRET polymer-modified mortar, whereas on exposed concrete this should be done with PLANFIX or PLANFIX-FINE polymer-modified fillers.
- Plastered wall may be patched using UNICRET and UNICRET-FAST premixed mortars.

The substrate should be primed with the silicone acrylic, micronized, water-based primer PRIMER ACRYL, thinned up to 50% with clean water or with PRIMER ACRYL-S acrylic, solvent-based primer, thinned up to 100% with SM-21 of ISOMAT or with WHITE SPIRIT.

These primers are also ideal to use for stabilization of loose or crumbly substrates.

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2. Application

Before using, gently stir the content and apply it as it is or thinned 5-10% with clean water. Two coats of ISOMAT STANDARD ACRYL are applied with a roller, brush or airless gun. The second coat is applied after the first coat has completely dried. Temperature during application and drying of the paint should be between +10°C and +35°C.

Coverage

ISOMAT STANDARD ACRYL covers approx. 12 m²/l per coat, on previously prepared surfaces.

Packaging

ISOMAT STANDARD ACRYL is supplied in buckets 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 c, type WB, is 40 g/l (2010) for the ready-to-use product.

The ready-to-use product ISOMAT STANDARD ACRYL contains a maximum of 40 g/l VOC.

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