

ISOMAT STANDARD ACRYL

Acrylic paint for exterior use

Description

ISOMAT STANDARD ACRYL is an acrylic paint for exterior use. Suitable for new or old surfaces requiring periodic repainting, e.g. public buildings, hotels, hospitals, schools, surfaces tarnished with graffiti, 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. Delivers a beautiful matt finish.

Fields of application

ISOMAT STANDARD ACRYL is used on new or old exterior surfaces, including concrete, render, brickwork, gypsum board, asbestos cement, wood, etc.

It constitutes an affordable and reliable solution.

Technical data

Colors:	white and selected colors through 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: (EN ISO 9117)	3-4 h
Vapor permeability: (EN ISO 7783- 2: V ₁ high, Sd < 0.14)	Sd = 0.04 ± 0.02 m

Capillary water

absorption:

w = 0.23 ± 0.02 kg/m²h^{0.5}

(EN ISO 1062- 3:

W₂ medium, 0.10 < w < 0.50 kg/m²h^{0.5})

Gloss level:

< 10 at 85°

(EN ISO 2813)

Whiteness:

≥ 84%

(ASTM E313-15)

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 repaired with DUROCRET polymer-modified mortar, whereas on exposed concrete the use of PLANFIX or PLANFIX-FINE polymer-modified fillers is recommended instead.
- Plastered wall may be repaired using UNICRET and UNICRET-FAST premixed mortars.

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 silicone-acrylic, micronized, water-based primer PRIMER ACRYL, thinned up to 50% with clean water.

2. Application

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

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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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