

ISOMAT COLOR ACRYL

Acrylic emulsion paint for exterior use

Description

ISOMAT COLOR ACRYL is recommended for new or old surfaces that require frequent painting, such as public buildings, hotels, hospitals, schools, as well as surfaces that are tarnished by graffiti. It is characterized by good workability and surface coverage, as well as resistance to aging. It dries and can be recoated rapidly.

Fields of application

ISOMAT COLOR 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 1950 selected (ISOMAT COLOR SYSTEM)
Type:	100% acrylic emulsion paint
Density:	1.55 kg/l
pH:	8-9 at +23°C
Opacity:	min 97%
Whiteness:	min 87%
Bond strength:	1.6 N/mm ²
Viscosity (Poise):	11-16
Drying time:	1 h (to the touch)
Recoating in:	3-4 h

Cleaning of tools:

Remove as much paint as possible from the used tools before cleaning. Clean the 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.
- 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 putties.
- 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 acrylic solvent primer PRIMER ACRYL-S, thinned up to 100% with SM-18 of ISOMAT or with WHITE SPIRIT. These primers are also ideal to use for the stabilization of the surface, when the primer is loose or crumbly.

2. Application

Before use, stir the content lightly and apply it as it is or thinned 5-10% with clean water. Two coats of ISOMAT COLOR 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.

ISOMAT COLOR ACRYL

Coverage

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

Packaging

ISOMAT COLOR ACRYL is supplied in buckets of 3 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 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 c, type WB is 40g/l (2010) for the ready-to-use product.

The ready-to-use product ISOMAT COLOR ACRYL contains a maximum of 40 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

The technical information and instructions supplied in this datasheet are based on the knowledge and experience of the Department of Research and Development of our company and on results from long-term applications of the product in practice. The recommendations and suggestions referring to the use of the product are provided without guarantee, since site conditions during the applications are beyond the control of our company. Therefore the user is responsible for confirming that the chosen product is suitable for the envisaged application. The present edition of this technical datasheet automatically cancels any previous one concerning the same product.

