ISOMAT-CLASSIC ECO

High-quality, ecological emulsion paint for interior use

Description

High-quality, ecological emulsion paint for interior use, certified with the Ecolabel, as it meets the requirements of the European Union Ecolabelling Board (EUEB). ISOMAT-CLASSIC ECO is characterized by excellent surface whiteness and coverage, very good 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 does not contain ammonia or other dangerous substances and is almost odorless. It provides an excellent mat finish.

Fields of application

ISOMAT-CLASSIC ECO is used for indoor applications, on new or old surfaces, on all ordinary building materials, such as concrete, plaster, gypsum boards etc. Ideal for children's rooms, kindergartens, schools, hospitals etc.

Technical data

Colors:	white and 1950 selected colors (ISOMAT COLOR SYSTEM)
Type:	100% emulsion paint
Viscosity (Poise):	14-16
Density:	1.43 kg/l
pH:	8-9 at $+23^0$C
Opacity:	min 97%
Whiteness:	min 87%
Bond strength:	1.90 N/mm^2
Resistance to washing:	>20,000 cycles
Drying Time:	1 h (to the touch)
Recoating in:	3-4 h

Drying and recoating times may be extended under conditions of low temperature and high humidity, and correspondingly shortened under high temperature and low humidity conditions.

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 cement-based putty should be used.

The substrate should be primed with the acrylic, micronized, water-based primer PRIMER CLASSIC, thinned with up to 50% clean water. PRIMER CLASSIC is also ideal 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 with 5-10% clean water. ISOMAT-CLASSIC ECO is applied in two coats with a roller, brush or airless gun. The second coat is applied, once the first coat has completely dried.

The application should be postponed, in case very low or very high temperatures (below 8°C or above 35°C) are expected. Harsh weather conditions might negatively affect the properties of the paint.

Coverage

ISOMAT-CLASSIC ECO covers 12 m^2/l, on previously prepared surfaces.

Packaging

ISOMAT-CLASSIC ECO is supplied in containers 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 15 g/l (2010) for the ready-to-use product.
The ready-to-use product ISOMAT-CLASSIC ECO contains a maximum of 3 g/l VOC.