

ISOLAC-AQUA ECO SATIN

Premium, eco-friendly, satin water-based enamel paint for wooden surfaces

Description

ISOLAC-AQUA ECO SATIN is a premium new-generation eco-friendly water-based enamel paint with satin finish for wooden surfaces. Applicable also to metal, plaster, galvanized surfaces, etc., provided a suitable primer is used. Suitable for both indoor and outdoor use. Features high flexibility, excellent surface coverage and opacity. Shows outstanding resistance to weather conditions, aging and frequent washing, while offering non-yellowing properties. Provides strong adhesion and is suitable for previously painted surfaces with water-based or oil-based / solvent-based enamel paints. Has excellent workability and quick-drying time. Almost odorless; environment- and user-friendly.

Fields of application

For interior and exterior use on new or old woodwork, metal, plaster, galvanized surfaces, etc.

Technical data

Colors:	white and selected colors (ISOMAT COLOR SYSTEM)
Type:	water-based enamel paint
Density:	1.30 kg/l
pH:	8-9 at +23°C
Opacity:	≥ 97%
Whiteness:	≥ 95%
Capillary water absorption:	0.05 kg/m ² h ^{0.5}
Bond strength:	2.0 N/mm ²
Viscosity (Poise):	15-20
Drying time:	40-60 min (touch dry)
Recoat time:	3-4 h

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., while any imperfections should be rubbed down with sandpaper.

1.1. Wood or plaster surfaces

The surface should be primed with ISOLAC-AQUA ECO PRIMER thinned up to 5-10% with clean water for brush or roller application and up to 20-30% for airless spray application.

1.2 Metal surfaces

The surface should be primed with ISOLAC-RUST PRIMER. For application to galvanized metal or aluminum, the surface should be primed with EPOXYCOAT-AC anti-corrosion epoxy primer. After 24 hours and as long as the primer has completely dried, the first coat of ISOLAC-AQUA ECO SATIN can be applied.

2. Application

Before using ISOLAC-AQUA ECO SATIN, gently stir its content and apply it in two coats, thinned up to 5-10% with clean water for application with brush or roller, and up to 20-30% for airless spray application.

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.

Coverage

ISOLAC-AQUA ECO SATIN covers 12 m²/l per coat, on previously prepared surfaces.

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Packaging

ISOLAC-AQUA ECO SATIN is available in 0.75 and 2.5 l containers.

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 VOC content limit value for the product subcategory d, type WB, is 130 g/l (2010) of ready-to-use product.

Regarding the ecological criteria for the award of the EU Ecolabel, pursuant to Decision (EU) 2018/666 amending Decision 2014/312/EU (Appendix, Table 3), the maximum VOC content limit value for the product subcategory d is 80 g/l of ready-to-use product.

The ready-to-use product ISOLAC-AQUA ECO SATIN contains max. 80 g/l VOC.



2032

ISOMAT S.A.

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DoP No.: ISOLAC AQUA / 1438-01

EN 1504-2

Surface protection products

Coating

Permeability to CO₂: Sd > 50m

Water vapor permeability: Class I (permeable)

Capillary absorption: $w < 0.1 \text{ kg/m}^2 \cdot \text{h}^{0.5}$

Adhesion: $\geq 1.0 \text{ N/mm}^2$

Dangerous substances comply with 5.3

Reaction to fire: Class F

ISOMAT S.A.

BUILDING CHEMICALS AND MORTARS

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