

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. Suitable for both indoor and outdoor use. Characterized by high flexibility, surface coverage and opacity. Shows excellent resistance to weather, aging and frequent washing, thus featuring non-yellowing properties. Provides strong adhesion and is suitable for previously painted surfaces with water-based or oil-based / solvent-based enamel paints. Offers excellent workability and quick-drying time. Almost odorless.

Fields of application

ISOLAC AQUA ECO SATIN is used for indoor or outdoor applications, on new or old wooden surfaces.

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

2. Application

Before using ISOLAC AQUA ECO SATIN, gently stir its content and apply it in two coats, thinned by 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.

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.

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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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