

ISOLAC AQUA ECO

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

Description

ISOLAC AQUA ECO is a premium, new-generation, eco-friendly, water-based enamel paint for wooden surfaces. Suitable for both indoor and outdoor use. Characterized by high flexibility and surface coverage, as well as excellent resistance to weather, aging and frequent washing, thus featuring non-yellowing properties. Provides strong adhesion and is suitable for previously painted surfaces coated with water-based or solvent-based enamel paints. Offers excellent workability and quick-drying time. Almost odorless. Available in gloss (ISOLAC AQUA ECO GLOSS) and satin finish (ISOLAC AQUA ECO SATIN).

Fields of application

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

Technical data

Colors:	white and 1950 selected colors (ISOMAT COLOR SYSTEM)
Type:	water-based enamel paint
Density:	1.25 kg/l (GLOSS) 1.30 kg/l (SATIN)
pH:	8-9 at +23°C
Opacity:	min 97%
Whiteness:	min 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:	1 h (touch dry)
Recoat time:	6 h

Cleaning of tools:

Remove as much paint as possible from the tools used 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, lightly 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 covers 12 m²/l per coat, on previously prepared surfaces.

Packaging

ISOLAC AQUA ECO 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 2018/666/EU 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 contains max 80 g/l VOC.

ISOMAT S.A.

BUILDING CHEMICALS AND MORTARS

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The technical information and instructions supplied in this data sheet 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 data sheet automatically cancels any previous one concerning the same product.

