

Technical Datasheet

ISOLUX

Satin wood varnish

Description

Premium wood varnish in satin finish, specifically formulated to protect and enhance the natural beauty of wood. ISOLUX features high elasticity, water-repellency and breathability. Contains UV filters and shows excellent resistance to weather conditions and aging. Has high adhesion to the substrate and is easy to apply. Delivers a beautiful satin finish. Available in clear and selected standard colors.

Fields of application

Suitable for all exterior and interior woodwork, e.g. doors, windows, wooden constructions, garden furniture, etc., to protect and bring out the natural beauty of wood.

Technical data

| | |
|--|---------------------|
| Type: | enamel paint |
| Volume solids: | 38 ± 2 % |
| Classification by gloss (EN 13300): | 59, Satin |
| (EN ISO 2813: < 60 at 60°) | |
| Density: (EN ISO 2811- 1) | 0.92 ± 0.02 kg/l |
| Viscosity (mPa.s): (EN ISO 2884- 2) | 560 (+23°C) |
| Capillary water absorption: $w = 0.02 \text{ kg/m}^2/\text{h}^{0.5}$ (EN ISO 1062- 3: W_3 Low, $w \leq 0,1$) | |
| Adhesion: (EN ISO 4624) | 2 N/mm ² |
| Drying time: (EN ISO 9117) | 7 h (touch dry) |
| Recoat time: (EN ISO 9117) | 24 h |

Cleaning of tools:

Remove as much material as possible from application tools before cleaning. Clean tools with SM-21 or WHITE SPIRIT immediately after use.

Directions for use

1. Substrate preparation

The substrate should be dry and free of grease, dust, etc., while any imperfections should be rubbed down with sandpaper. Before the application of ISOLUX, it is recommended to apply two coats of ISOXYL, the special clear wood preservative for protection from woodworm and fungi.

2. Application

Stir ISOLUX well before use. Apply with a brush or roller in two coats. Thin up to 3% with SM-21 if necessary. The second coat is applied as soon as the first one has completely dried.

Temperature during application and drying of the varnish should be between +10°C and +35°C.

Coverage

12-18 m²/l per coat, depending on wood hardness.

Packaging – Colors

ISOLUX comes in 0.75 l and 2.5 l containers and is available in the following selected colors:

| Color | 0.75 l | 2.5 l |
|--------------|--------|-------|
| Oak | • | • |
| Light Walnut | • | • |
| Dark Walnut | • | • |
| Chestnut | • | |
| Mahogany | • | • |
| Rosewood | • | |
| Pine | • | |
| Teak | • | • |

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.

ISOLUX

Volatile Organic Compounds (VOCs)

According to Directive 2004/42/CE (Annex II, table A), the maximum allowed VOC content for the product subcategory f, Type SB, is 700 g/l (2010) for the ready-to-use product.

The ready-to-use product ISOLUX contains a maximum of 430 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 576 029
www.isomat.eu e-mail: support@isomat.eu