

ISOLUX

Colored wood varnish

Description

Premium quality varnish for wooden surfaces. Suitable for both interior and exterior use. ISOLUX is characterized by high elasticity, water repellency and breathability. It has UV filters and shows excellent resistance to weather conditions and aging. It shows high adhesion, is easy to work with and dries fast. It provides a beautiful satin finish. It is available in transparent and in selected ready-made colors (ISOLUX) or in transparent (ISOLUX BASE), which can be colored in more colors.

Fields of application

ISOLUX is used in indoor or outdoor applications, on old or new wooden surfaces (e.g. doors, windows, wooden constructions, garden furniture, etc.), in order to protect and bring out the natural beauty of wood.

Technical data

Colors:

ISOLUX:

2.5 l containers: transparent & 5 selected colors

0.75 l containers: transparent & 8 selected colors

ISOLUX BASE:

0.72 l & 2.35 l containers: transparent & more colors through ISOMAT COLOR SYSTEM

Type: enamel paint

Classification by gloss

(EN 13300): Satin= 59
(EN ISO 2813: < 60, angle of incidence 60°)

Density: 0.92 ± 0.02 kg/l
(EN ISO 2811- 1)

Viscosity (mPa.s): 560 (23°C)
(EN ISO 2884- 2)

Capillary water absorption: 0.02 kg/m²/h^{0.5}
(EN ISO 1062- 3: W₃ Low, w ≤ 0,1)

Adhesion: 2 N/mm²
(EN ISO 4624)

Drying time: 7 h (touch dry)
(EN ISO 9117)

Recoat time: 24 h
(EN ISO 9117)

Cleaning of tools:

Remove as much material as possible from the tools before cleaning them. Clean application 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 transparent preservative for the protection of wood from woodworm and fungi.

2. Application

Before using ISOLUX, stir well. Apply with a brush or roller in two layers, as it is or thinned up to 3% with SM-21. The second layer 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

ISOLUX covers 12-18 m²/l, depending on the hardness of the wood.

Packaging

ISOLUX: 0.75 l and 2.5 l containers

ISOLUX BASE: 0.72 l and 2.35 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 sun exposure and frost.

Volatile Organic Compounds (VOCs)

According to Directive 2004/42/CE (Annex II, table A), the maximum allowed VOC content for the product subcategory Af (interior/exterior minimal build woodstains), is 700 g/l (2010) for the ready-to-use product.

The ready-to-use product ISOLUX MARINE contains a maximum of 600 g/l VOC.