

Technical Datasheet

ISOLUX-MARINE

Clear yacht varnish

Description

Premium clear varnish for all exterior and interior woodwork. Specially formulated with UV filters, it provides optimum protection in the marine environment while featuring excellent resistance to weather conditions and aging. Shows great workability, strong adhesion and high water-repellency. Available in gloss or satin finish.

Fields of application

ISOLUX-MARINE is used on old or new interior and exterior wooden surfaces, e.g. yachts, boats, doors, windows, garden furniture, etc., to protect and enhance the natural beauty of wood.

Technical data

Colors:	clear, gloss or satin
Type:	enamel paint
Volume solids:	55 ± 2%
Density:	0.92 ± 0.02 kg/l
(EN ISO 2811- 1)	
Viscosity (MPa.s):	1,100 (+23°C)
(EN ISO 2884- 2)	
Classification by gloss:	Gloss = 95
(EN 13300)	(EN ISO 2813: ≥ 60 at 60°)
	Satin = 50
	(EN ISO 2813: < 60 at 60°)
Capillary water absorption:	0.005 kg/m ² /h ^{0.5}
(EN ISO 1062- 3: W ₃ Low, w ≤ 0.1)	
Adhesion:	3.0 N/mm ²
(EN ISO 4624)	
Drying time:	5-7 h (touch dry)
(EN ISO 9117)	
Recoat time:	24 h
(EN ISO 9117)	

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.

For use on bare wood, it is recommended to apply two coats of ISOXYL, the special clear wood preservative for protection against woodworm and fungi.

2. Application

Stir ISOLUX-MARINE well before use. Apply two coats using a brush or roller. Thin up to 3% with SM-21 if necessary. Temperature during application and drying of the varnish should range between +10°C and +35°C. In case the surface is already varnished, one coat of ISOLUX-MARINE is enough.

Coverage

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

Packaging

0.75 l 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 allowed VOC content for the product subcategory e, type SB, is 400 g/l (2010) for the ready-to-use product.

The ready-to-use product ISOLUX-MARINE contains a maximum of 350 g/l VOC.

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