

TECHNICAL INFORMATION

FOR PROFESSIONAL USE ONLY

ISOPRIME WOOD SEALER 1:1**PRODUCTS**

SPEC Polyurethane primer 1:1
SPEC Hardener 1:1 for Polyurethane primer 1:1
SPEC Thinner

PRODUCT DESCRIPTION

2-Component polyurethane insulating primer designed for the protection of wooden surfaces.

- Excellent adhesion to various types of wood as well as wood-based materials (MDF, plywood, veneers),
- Very good wetting properties,
- Easy to sand.

**COLOUR:** transparent**GLOSS GRADE:** gloss**VOLATILE ORGANIC COMPOUNDS**









VOC = 676,80 g/l]

This product does not comply with the EU directive (2004/42/EC/II B)

PHYSICAL AND CHEMICAL PROPERTIES**CAPACITY:** 5L**DENSITY:** 0.94 kg/l**DRYING TIME AT 20°C AND 65% R.H.:**

- DUST DRY: 15 min
- TOUCH DRY: after 1 hour
- FULL DRY: after 8 hours

BASE COAT APPLICATION: after 2 hours**INTERVAL BETWEEN LAYERS:** – from min. 30 min to max. 2 hours**NUMBER OF LAYERS:** 1 to 2**SOLIDS CONTENT:** approx. 28% vol.**APPLICATION PROCESS**

	USE		HARDENING TIME
	Used as an insulating primer for wooden, resinous surfaces as well as MDF boards and plywood.		At 20°C – approximately 8 h Temperature below 20°C significantly increases the hardening time.
	MIXING RATIO		SPRAYING VISCOSITY
	by weight Primer 100g to A Hardener 100g Thinner*: 20 to 100% A Stir thoroughly until achieving homogenous mixture.		12 seconds at 20°C DIN4.
	EVAPORATION TIME		POT LIFE
	In 20°C from 30 min to 2h		20°C – 30 min
	SPRAY GUN PARAMETERS		SANDING
	Airspray application Nozzle: 1.6–1.8 mm Inlet pressure: 2.5–3.5 bar Amount: 100–150 g/m²		Hand sanding: P280÷P600.

SURFACE PREPARATION

The product exhibits very good adhesion to various substrates. It can be applied on:

- Dry and clean wood, free from contaminants, after sanding and degreasing.
- Wood from tree species containing substances that hinder adhesion (e.g., fir, larch, coniferous trees, exotic woods, birch, teak, rosewood, oak, and chestnut).
- Wood-based materials (e.g., plywood, OSB boards, MFP boards, chipboard) after sanding and degreasing.

Such surfaces require wiping with a suitable solvent or recoating with a 2-component epoxy or polyurethane insulating primer.

Filling in gaps:

After the application and full curing of the ISOPRIME WOOD SEALER primer, all cracks, gaps, and voids should be filled with an appropriate wood filler (Spec For Wood). This order of operations ensures optimal adhesion, stability, and surface aesthetics, as well as improves the substrate's resistance to further finishing processes.

GENERAL NOTES

- Lower temperatures result in longer curing times!
- Maintain constant temperature and humidity throughout the entire curing process.
- Wood-based materials and MDF must be dry and free from moisture.
- When working with 2-component products, it is recommended to use personal protective equipment. Protect eyes and respiratory system.
- Work areas should be well ventilated.
- Tools should be cleaned immediately after application.

Caution: *To maintain safety, always follow the instructions given in the MSDS for the products.*

STORAGE

The product components should be stored at temperatures up to 20°C, in tightly sealed containers, in dry and cool rooms, away from sources of fire. Avoid direct exposure to sunlight.

Note:

1. *After each use the container with product should be immediately closed.*
2. *Protect the hardener from frost and dampness!*

WARRANTY PERIOD

SPEC ISOPRIME WOOD SEALER 1:1	– 12 months from the date of production
SPEC HARDENER ISOPRIME WOOD SEALER 1:1	– 12 months from the date of production

PRODUCT	Art. No.
SPEC ISOPRIME WOOD SEALER 1:1	300010792
SPEC HARDENER ISOPRIME WOOD SEALER 1:1	300010793
SPEC THINNER	

LIMITATION OF LIABILITY

The information contained in the TDS is up-to-date and correct on the day the information is released.

Because TROTON can not control or predict the conditions under which a product will be used, each user should review information in the specific context of the intended usage. To the maximum extent permitted by applicable law, TROTON shall not be liable for damages of any kind arising from the use or reliance on information contained in this TDS.

Given the variety of factors that can affect the usage and application of the TROTON product, some of which are only within the user's knowledge and control range, it is essential that the user evaluate the TROTON product to determine if the product is fit for a particular purpose and whether the product is suitable for the user's usage.

Under no circumstances shall TROTON be liable to the user or any third party for any indirect, derivative, incidental, special or punitive damages, including loss of profits resulting from the use of products manufactured by TROTON and / or TROTON's services.

All information are based upon the precise laboratory studies and many years of experience. The good market position does not release us from the constant supervision of our products quality. However, we are not responsible for the final effects of the improper storage or application of our products, as well as for work inconsistent with the good craft practice.

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