

Technical Data Sheet



Spontan Varnish

Product description

This is a one component oxidatively drying urethane modified alkyd coating. It has a glossy finish with good gloss retention. To be used as varnish in atmospheric environments. Suitable for properly prepared wooden substrates.

Typical use

Recommended for woodwork.

Colours

clear

Product data

Property	Test/Standard	Description
Solids by volume	ISO 3233	41 ± 2 %
Gloss level (GU 60 °)	ISO 2813	gloss (70-85)
Flash point	ISO 3679 Method 1	36 °C
Density	calculated	0.9 kg/l
VOC-EU	IED (2010/75/EU) (theoretical)	455 g/l

The provided data is typical for factory produced products, subject to slight variation depending on colour. Gloss description: According to Jotun Performance Coatings' definition.

Film thickness per coat

Typical recommended specification range

Dry film thickness	25 - 50	µm
Wet film thickness	60 - 120	µm
Theoretical spreading rate	16.4 - 8.2	m ² /l

Surface preparation

To secure lasting adhesion to the subsequent product all surfaces shall be clean, dry and free from any contamination.

Surface preparation summary table

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Substrate	Surface preparation	
	Minimum	Recommended
Wood	Clean and dry surface. Surface contamination is to be removed by detergents and fresh water cleaning.	Clean and dry surface. Surface contamination is to be removed by detergents and fresh water cleaning.

Application

Application methods

The product can be applied by

- Spray: Use air spray or airless spray.
- Brush: Recommended for stripe coating and small areas. Care must be taken to achieve the specified dry film thickness.

Product mixing

Single pack

Thinner/Cleaning solvent

Thinner: Jotun Thinner No. 2

Guiding data for airless spray

- Nozzle tip (inch/1000): 15-19
- Pressure at nozzle (minimum): 150 bar/2100 psi

Drying and Curing time

Substrate temperature	5 °C	10 °C	23 °C	40 °C
Surface (touch) dry	3 h	2 h	1 h	30 min
Walk-on-dry	20 h	9 h	4 h	2 h
Dry to over coat, minimum	36 h	12 h	8 h	4 h

For maximum overcoating intervals, refer to the Application Guide (AG) for this product.

Drying and curing times are determined under controlled temperatures and relative humidity below 85 %, and at average of the DFT range for the product.

Surface (touch) dry: The state of drying when slight pressure with a finger does not leave an imprint or reveal tackiness.

Walk-on-dry: Minimum time before the coating can tolerate normal foot traffic without permanent marks, imprints or other physical damage.

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Colour variation

When applicable, products primarily meant for use as primers or antifoulings may have slight colour variations from batch to batch. Such products may fade and chalk when exposed to sunlight and weathering.

Disclaimer

The information in this document is given to the best of Jotun's knowledge, based on laboratory testing and practical experience. Jotun's products are considered as semi-finished goods and as such, products are often used under conditions beyond Jotun's control. Jotun cannot guarantee anything but the quality of the product itself. Minor product variations may be implemented in order to comply with local requirements. Jotun reserves the right to change the given data without further notice.

Users should always consult Jotun for specific guidance on the general suitability of this product for their needs and specific application practices.

If there is any inconsistency between different language issues of this document, the English (United Kingdom) version will prevail.
