

Ravilakk Varnish

Product description

This is a glossy varnish based on Chinese wood oil and synthetic amber. It gives a slightly yellowish, golden tone. It has good water and wear resistance and provides good flexibility.

Typical use

To be used on all wooden surfaces above the waterline.

Colours

clear golden

Product data

Property	Test/Standard	Description
Solids by volume	ISO 3233	51 ± 2 %
Flash point	ISO 3679 Method 1	35 °C
VOC-US/Hong Kong	US EPA Method (theoretical) (CARB(SCM)2007, SCAQMD rule 1113, Hong Kong)	390 g/l

The provided data is typical for factory produced products, subject to slight variation depending on colour.

Film thickness per coat

Typical recommended specification range

Dry film thickness	30 - 35	µm
Wet film thickness	60 - 70	µm
Theoretical spreading rate	17 - 14	m ² /l

Surface preparation

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

Surfaces with grease, oil or other contamination, wash with recommended Jotun Yachting detergent.

Surface preparation summary table

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Jotun Protects Property

Substrate	Surface preparation	
	Minimum	Recommended
Wood	New oily tropical hardwood shall be washed with Jotun Thinner No. 18 or a thinner for cellulose varnish followed by light sanding. Weathered surfaces shall be sanded to fresh wood. All surfaces shall be sanded with P80-P180. Remove dust from sanding.	New oily tropical hardwood shall be washed with Jotun Thinner No. 18 or a thinner for cellulose varnish followed by light sanding. Weathered surfaces shall be sanded to fresh wood. All surfaces shall be sanded with P80-P180. Remove dust from sanding. Apply the first coat of this product diluted 20-30 % with the recommended Jotun Thinner.
Coated surfaces	Clean, dry and undamaged compatible coating	Painted surfaces shall be washed with an alkaline detergent, rinsed with fresh water followed by light sanding with P220-P320.

Application

Application methods

The product can be applied by

Brush: Brush designed for stains.

Product mixing

Single pack

Thinner/Cleaning solvent

Thinner: Jotun Thinner No. 2

Drying and Curing time

Substrate temperature	5 °C	10 °C	23 °C	40 °C
Surface (touch) dry	18 h	10 h	6 h	4 h
Walk-on-dry	48 h	36 h	24 h	18 h
Dry to over coat, minimum	48 h	36 h	24 h	18 h

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.

Dry to over coat, minimum: The recommended shortest time before the next coat can be applied.

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Packaging (typical)

	Volume (litres)	Size of containers (litres)
Ravilakk Varnish	1 / 2.5	1 / 3

The volume stated is for factory made colours. Note that local variants in pack size and filled volumes can vary due to local regulations.

Storage

The product must be stored in accordance with national regulations. Keep the containers in a dry, cool, well ventilated space and away from sources of heat and ignition. Containers must be kept tightly closed. Handle with care.

Shelf life at 23 °C

Ravilakk Varnish 48 month(s)

In some markets commercial shelf life can be dictated shorter by local legislation. The above is minimum shelf life, thereafter the paint quality is subject to re-inspection.

Disposal of waste

N/A

Caution

The product is suitable for both professional and consumer application. The applicators and operators shall be trained, experienced and have the capability and equipment to mix/stir and apply the coatings correctly and according to Jotun's technical documentation. Applicators and operators shall use appropriate personal protection equipment when using this product. This guideline is given based on the current knowledge of the product.

Health and safety

Please observe the precautionary notices displayed on the container. Use under well ventilated conditions. Do not inhale spray mist. Avoid skin contact. Spillage on the skin should immediately be removed with suitable cleanser, soap and water. Eyes should be well flushed with water and medical attention sought immediately.

Colour variation

When applicable, products primarily meant for use as primers or antifouling may have slight colour variations from batch to batch. Such products and epoxy based products used as a finish coat may chalk when exposed to sunlight and weathering.

Colour and gloss retention on topcoats/finish coats may vary depending on type of colour, exposure environment such as temperature, UV intensity etc., application quality and generic type of paint. Contact your local Jotun office for further information.

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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.