

Technical Data Sheet



BENAR UVR

Product description

Type

Weather resistant alkyd oil for tropical hardwood to be used outdoors. Contains UV filter and fungicides to combat against surface fungus.

Features and benefits

Provides an elastic and water resistant protection. The product gives a first class protection to tropical hardwood. Penetrates well and gives good adhesion to the substrate. Has a faint golden brown colour which enhances the hue of the timber.

Recommended use

To be used on garage doors, doors, garden furniture, windows etc. Provides protection for tropical hardwoods such as teak, redwood, meranti, merbau, afzelia, iroko etc.

Product data

Packaging size	3 L
Colours	Light tan.
Gloss level	Glossy
Generic type	Alkyd oil for use outdoors.
Solids by volume	62 ± 2 volume%
Specific gravity	0.94
Flash point	60 °C
VOC for Ready-for-Use Mixture	EU limit value for the product (cat. A/e): 400 g/l. The product contains max 400 g/l VOC.

Application data

Remarks

Contents of tins with different production numbers should be mixed. Stir well before and during use.

If a lighter finish is desired, replace one or several coats **BENAR UVR** with **BENAR Gloss**. For maximum gloss, use **BENAR Gloss** as the final coat. If a matt finish is desired, use **BENAR Matt** as the final coat.

Application equipment / methods

Brush or roller (must be brushed out).

Guiding data for airless spray

Nozzle tip	0.28-0.38 mm (0.011-0.015")
Spray angle degrees	60-80°
Pressure at nozzle	13-18 MPa (130-180 kg/cm ²)

Spraying: For professional application only.

Cleaning of painting tools

JOTUN Penselrens and water or a suitable cleaning agent and water.

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This Technical Data Sheet supersedes those previously issued.

The Technical Data Sheet (TDS) is recommended to be read in conjunction with the Safety Data Sheet (SDS) for this product. For your nearest local Jotun office, please visit our website at www.jotun.com.

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Jotun Protects Property

Spreading rate per coat (m²/liter)

Recommended: 14 - 16

Thinner

JOTUN White Spirit.

Do not mix in oil additives.

Conditions during application

Do not apply if risk of condensation.

Drying times

The drying time depends on the surface temperature (min. +5 °C), absorption, humidity and air circulation.

The drying time is measured by stated values:

Relative Humidity (RH) 50 %

Air temperature	5 °C	15 °C	23 °C
Substrate temperature	5 °C	15 °C	23 °C

Dust dry	24 h	12 h	6 h
Paintable	24 h		
Dry to use	96 h	48 h	24 h

Directions for use

Surface preparation:	The substrate must be sound, clean, dry and free from grease, detergent, wax etc. Degrease oak and tropical hardwood with methylated spirit, followed by light sanding. Glossy surfaces must be cleaned with JOTUN 2-i-1 Kraftvask/Træ- og Murrens or a suitable detergent and sanded. May discolor some hard woods. Old, loose oil or varnish must be sanded down. Grey/degraded wood to be sanded down to fresh wood.
Pretreatment:	On untreated surfaces use BENAR Blank or BENAR UVR diluted 20 % with JOTUN White Spirit . Apply wet-on-wet until the wood is saturated. Saturate all end grains/cut surfaces thoroughly. Wipe off excess oil with a lint-free cloth.
Finishing treatment – New/Scraped wood::	Apply minimum 3 coats undiluted. Lightly sand between coats. If the glossiest possible finish is required, the last coat should be BENAR Blank . If a matt finish is required, the last coat should be BENAR Matt . If a lighter finish is desired, replace one or several coats BENAR UVR with BENAR Gloss .
Finishing treatment – First time treatment of redwood and sapele:	1 coat JOTUN Impregnering tre , followed by 4 coats BENAR UVR or BENAR Gloss .
Finishing treatment – Treatment of garden furniture in tropical hardwood, where an oiled appearance is desired:	Dilute first coat up to 20 % with JOTUN White Spirit . Apply 1-2 x JOTUN Treolje wet-on-wet, 1-2 boards at a time. Wipe off any excess oil.

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Remarks

Due to danger of ignition, used cloths must be burned immediately or soaked in water.

Storage

Frost free freight and storage. In storage and in transport keep the container upright.

Disposal of waste

Liquid oil must not be emptied into drains or watercourses. It must be delivered to an approved local environmental protection station.



Health and safety

Please observe the environmental and precautionary notices displayed on the container.

A Material Safety Data Sheet for the product has been issued.

Detailed information regarding health and safety risks and precautions for the use of this product is specified in the product's Safety Data Sheet.

First-aid measures, refer to section 4.

Handling and storage, refer to section 7.

Transport information, refer to section 14.

Regulatory information, refer to section 15.

Miscellaneous

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 (Eng) version will prevail.