

# 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

<b>Packaging size</b>	3 L
<b>Colours</b>	Light tan.
<b>Gloss level</b>	Glossy
<b>Generic type</b>	Alkyd oil for use outdoors.
<b>Solids by volume</b>	62 ± 2 volume%
<b>Specific gravity</b>	0,94
<b>Flash point</b>	60 °C
<b>VOC for Ready-for-Use Mixture</b>	EU limit value for the product (cat. A/e): 400 g/l. The product contains max 400 g/l VOC.

### Application data

#### Application equipment / methods

Brush or roller (must be brushed out).

#### Guiding data for airless spray

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

Spraying: For professional application only.

#### Cleaning of painting tools

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

#### Spreading rate and film thickness

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Jotun Protects Property

	Spreading rate per coat (m <sup>2</sup> /liter)	Recommended film thickness per coat (µm)
Recommended:	14 - 16	

#### Thinner

JOTUN White Spirit

#### Dilution

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 og Træ- og Murrens or a suitable cleaning agent 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.

### 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.



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## 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.

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## 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.