

## BENAR Blank

### Product description

#### Type

Glossy alkyd oil with light stabilizer, for tropical hardwood outdoors.

#### Features and benefits

Provides an elastic and water resistant protection. Gives a glossy film that protects the timber against fading and erosion and enhances the natural hue of the wood. **BENAR Blank** provides good protection against blistering, bleeding and white shielding. Penetrates well and gives good adhesion to the substrate. It keeps its elasticity for a long time, gives a lasting protection for all types of wood and is particularly well suited for tropical hardwood.

#### Recommended use

To be used on garage doors, doors, garden furniture, windows etc. Can be used as paint oil, silo oil etc.

For outdoor softwood cladding (spruce and pine), pigmented systems like stains or paints are recommended.

### Product data

<b>Packaging size</b>	0.75 L , 3 L and 10 L
<b>Colors</b>	Clear
<b>Gloss level</b>	Glossy
<b>Generic type</b>	Alkyd oil for use outdoors.
<b>Solids by volume</b>	60 ± 2 volume%
<b>Specific gravity</b>	0.93
<b>Flash point</b>	62 °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

#### Remarks

Stir well.

#### 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> )

The product must be sprayed by professionals only.

## Spreading rate and film thickness

### Spreading rate per coat (m<sup>2</sup>/liter)

Recommended: 14 - 16

## Cleaning of painting tools

JOTUN Penselrens and water.

## Conditions during application

Application late in the evening may cause matt areas from dew.

## Drying times

Drying time depends on surface's temperature, surface penetration, humidity and air circulation

### The drying time is measured by stated values:

Relative Humidity (RH)	50 %	50 %	50 %
Air temperature	5 °C	15 °C	23 °C
Substrate temperature	5 °C	15 °C	23 °C

Dust dry	48 h	12 h	6 h
Recoatable, minimum	96 h	48 h	24 h

## Directions for use

General: Outdoors a pigmented system is recommended. For best possible protection outdoors, 4 x **BENAR UVR** is recommended. If the glossiest possible finish is required, the last coat should be **BENAR Blank**.

<b>Surface preparation:</b>	The substrate must be sound, clean, dry and free from grease, detergent, wax etc. Degrease tropical hardwood with methylated spirit, followed by light sanding. Grey/degraded wood to be sanded down to fresh wood. Contaminated, treated glossy substrates to be washed with NO: <b>JOTUN 3-i-1 Kraftvask og soppfjerner</b> / SE: <b>JOTUN 3-i-1 Kraftvask och mögeldesinfektion</b> and sanded. Old, loose oil or varnish must be sanded down.
<b>Surface preparation:</b>	On untreated surfaces use <b>BENAR Blank</b> diluted 20 % with <b>JOTUN White Spirit</b> . 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.
<b>Finishing treatment:</b>	Apply minimum 3 coats undiluted. Lightly sand between coats.

## Additional information

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

## Management, Operation and Maintenance

Please refer to the FDV datasheet for information regarding maintenance and repair of the painted surface.

## 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

#### Contact information

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#### Disclaimer

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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.