

## TREBITT Oljebeis

### Product description

#### Type

TREBITT Oljebeis a waterproof, transparent oil stain for exterior woodwork.



#### Features and benefits

**TREBITT Oljebeis** is based on alkyd oil with very good penetration and flexibility, and is reinforced with light filter for optimal protection against damaging sunlight. Contains effective film conserving agent that counteract mould growth. Can be applied below 0 °C. Primer is not necessary.

#### Recommended use

It is recommended for use outdoors on new timber and logs, also pressure impregnated timber and on timber previously treated with an oil stain.

**TREBITT Oljebeis** is specifically developed for exterior timber cladding / structures. For terraces, wooden stairs and garden furniture etc we recommend **TREBITT Terrassebeis**.



JOTUN 3-i-1 Kraftvask og soppfjerner



JOTUN PENSELRENS

### Product data

#### Packaging size

0,75 L (filling level 0,68 L), 3 L (filling level 2.7 L) and 10 L (filling level 9 L). Ready-mixed white in 0.75, 3 and 10 litres.

#### Base availability

C, yellow and red

#### Tinting

Must be tinted using **Jotun Multicolor**. Bases must not be used unless tinted.

#### Colors

According to swatches. Security for a right colour choice: Colours and color nuances are very important in translucent systems. A wrong colour choice of a translucent stain is difficult to correct. Consequently, test applications are recommended on small timber samples, that can be placed at the different parts of the object that is going to be coated. It should be observed how the colour and the shade appear during different light conditions. When treating new woodwork, it is therefore recommended to perform a test application. It must also be considered that a renovation coat on a previously stained substrate will result in a colour change. It is always recommended to make a test application. **TREBITT Oljebeis** in 0.75 liter packaging is suitable for this.

<b>Generic type</b>	Alkyd oil stain
<b>Solids by volume</b>	54 ± 2 volume%
<b>Specific gravity</b>	0.93 (C-base) - 1.02 (White)
<b>Flash point</b>	63 °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

To ensure long durability it is important to apply a sufficient amount on edges and planed surfaces, min. 3 coats (100 µm dry paint film). Sand down sharp edges. Remember to coat end grain. Perform a test application. Can not be mixed with other paint products and do not mix in oil additives. The product shall not be thinned.

Previous tar/mineral oil treatment and knots may cause discolouration/blistering of the topcoat. This is especially visible on white or light colours. Perform a test application.

Linseed oil / oils in the substrate can cause blisters and flaking. Sun on semi-dry treatment may cause skin drying and sun blisters. Coating on fire protected cladding may cause salt precipitation/flaking. On substrates previously treated with products containing wax, adhesion problems may occur.

Bases must be tinted using **Jotun Multicolor**. Content of cans from different productions and different tinting systems may cause shade differences. Measures one can take to avoid colour differences:

- Mix different production numbers together. Stir well.  
The production number can be found after the letters SZ or SV on the label in the front of the can.
- It is advantageous to use the same batch number within the same defined area. Changing the can in the middle of the wall or confined area, increases the possibility of a visible colour difference.
- There may be colour differences of paint which are mixed on different tinting machines and / or at different times. Please be aware of this if you need to buy more stain for the same project at a later time.
- If you notice any visible differences, contact your point of sale or Jotun Technical Service (tel. 33457530).

### Application equipment / methods

Brush or roller and brush.

Distribute stain evenly and work 3-4 lengths at a time. Brush out in the full length of the board to avoid mismatch in the overlap section.

### Guiding data for airless spray

<b>Nozzle tip</b>	0.38 mm (0.015")
<b>Spray angle degrees</b>	65-80°
<b>Pressure at nozzle</b>	Min. 15 MPa (Min. 150 kg/cm <sup>2</sup> )

The product must be sprayed by professionals only.

### Cleaning of painting tools

**JOTUN Penselrens** and water.

### Thinner

The product is ready to use and should not be thinned.

### Dilution

Do not mix in oil additives.

## Spreading rate and film thickness

	Spreading rate per coat (m <sup>2</sup> /liter)	Film thickness per coat (µm)	
		Wet (calculated)	Dry (calculated)
<b>Recommended, sawn wood</b>	5 - 7	143 - 200	77 - 108
<b>Recommended, planed wood</b>	11 - 13	77 - 91	42 - 49
<b>Comments:</b>	To ensure long durability it is important to apply a sufficient amount of paint on edges and planed surfaces.		

## Conditions during application

Must not be used on frosted substrates.

Do not apply stain if there is a risk of condensation or rain until the film is dry.

- High humidity and low temperature will prolong the drying process.
- Warm air can hold more moisture than cold air, and in case of temperature drop this can cause condensation.
- Stagnant air retards the drying, and can provide greater risk of condensation.
- Low temperature and condensation can provide inadequate film formation / curing.

Where condensation is possible, one should therefore finish the painting job well in advance.

## Drying times

The drying time depends on the surface temperature (min. -5 °C), absorption, humidity and air circulation. If more than one coat is to be applied, this should be done within 14 days for best possible attachment between layers.

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

<b>Relative Humidity (RH)</b>	50 %	50 %	50 %	50 %
<b>Air temperature</b>	23 °C	15 °C	5 °C	-5 °C
<b>Substrate temperature</b>	23 °C	15 °C	5 °C	-5 °C
<b>Dust dry</b>	5 h	10 h	22 h	48 h
<b>Recoatable, minimum</b>	12 h	24 h	48 h	4 days

TØRKETID/TØRRETID	0	5t(h)	10t(h)	22t(h)	48t(h)	Ved ca. 50 % luftfuktighet
Støvtørr/Dammtørr	+23° C	+15° C	+5° C	-5° C		
Intervall mellom strøk/strykninger	0	12t(h)	24t(h)	48t(h)	4 døgn(days)	
	+23° C	+15° C	+5° C	-5° C		

Tørketiden avhenger av underlagets temperatur (min. - 5° C), sug, fuktighet og luftbevegelse.  
Overmalbar: Påføres mer enn ett strøk, bør disse påføres innen 14 dager for best mulig heft mellom strøkene.

## Directions for use

The substrate must be clean, sound and dry.

For the best possible edge coverage, sand down sharp edges.

Glossy substrates should be matted down with grinding paper, before application of **TREBITT Oljebeis**, to ensure sufficient adhesion.

Remember to thoroughly treat all exposed end grain, and any damaged timber.

Substrate	Treatment
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New woodwork:	Treat new woodwork before or immediately after installation. Topcoat: <b>TREBITT Oljebeis</b> . New, planed woodwork: Minimum 3 coat(s). Unplaned wood: Minimum 2 coat(s). Apply 3-4 coats wet-on-wet to the end grains/cut surfaces.
Fresh wood left untreated for more than 4 weeks:	Fresh wood left untreated for more than 4 weeks should be cleaned using NO: <b>JOTUN 3-i-1 Kraftvask og soppfjerner</b> / SE: <b>JOTUN 3-i-1 Kraftvask och mögeldesinfektion</b> and brushed with a wire brush. Topcoat: <b>TREBITT Oljebeis</b> . New, planed woodwork: 3 coat(s). Unplaned wood: Minimum 2 coat. Apply 3-4 coats wet-on-wet to the end grains/cut surfaces.
Notched timbers:	Surface preparation: Untreated cut surfaces and log knots are treated with <b>VISIR Oljegrønning pigmentert</b> wet-in-wet until the cut surfaces are saturated. Topcoat: 3 coat(s) <b>TREBITT Oljebeis</b> .
Previously stained woodwork:	Previously stained timber must be cleaned with NO: <b>JOTUN 3-i-1 Kraftvask og soppfjerner</b> / SE: <b>JOTUN 3-i-1 Kraftvask och mögeldesinfektion</b> . Deteriorated and weatherworn stain must be washed with NO: <b>JOTUN 3-i-1 Kraftvask og soppfjerner</b> / SE: <b>JOTUN 3-i-1 Kraftvask och mögeldesinfektion</b> and brushed/sanded to remove loose stain and wood fibres. Topcoat: <b>TREBITT Oljebeis</b> . Stained woodwork: 1-2 coats. Stains with bare wood are stained with one extra coat before the stain is applied to the entire wall.

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



## Environmental labelling

### Green Building Standards

The declared product contributes to Green Building Standard credits by meeting the following specific requirements:

BREEAM® NOR (2016)

Mat 1.3: Product specific type III EPD (ISO 14025, ISO 21930, EN 15804) for Scandinavia.

Mat 01: The product Safety Data Sheet confirms that the product does not contain any substances on the Norwegian A20 list.

BREEAM® NOR (2012)

Mat 1.3: Product specific type III EPD (ISO 14025, ISO 21930, EN 15804) for Scandinavia.

Mat 1.5: This product Safety Data Sheet confirms that the product does not contain any substances on the Norwegian A20 list.

Additional certificates and approvals may be available on request.

## 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

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.