

# Technical Data Sheet



## JOTUN Butinox Oil based Opaque Woodstain (Butinox 2)

### Product description

#### Type

Opaque wood stain for outdoor use.

#### Features and benefits

Contains effective film conserving agent that counteracts mould and algae growth on the surface.

#### Recommended use

Recommended for new primed, previously stained or painted exterior woodwork.

### Product data

<b>Packaging size</b>	1 L (BASE 0,9 L), 3 L (BASE 2.7 L) and 10 L (BASE 9 L).
<b>Base availability</b>	A, B, C and oxide red
<b>Colours</b>	White
<b>Gloss level</b>	20-40
<b>Generic type</b>	Alkyd oil
<b>Solids</b>	50 ± 2 volume% (White)
<b>Specific gravity</b>	1,2
<b>Flash point</b>	Closed cup: 62°C (143,6°F)
<b>VOC for Ready-for-Use Mixture</b>	EU limit value for this product (cat. A/e): 400 g/l. This product contains max 400 g/l VOC.

### Application data

#### Remarks

Contents of tins with different production numbers should be mixed. Sun on semi-dry paint may cause skin drying and sun blisters. Previous tar/mineral oil treatment and knots may cause discolouration/blistering of the topcoat. Do not mix in oil additives.

#### Application methods

Brush or roller. Spraying: For professional application only.

#### Guiding data for airless spray

<b>Nozzle tip</b>	0.38-0.46 mm (0.015-0.018")
<b>Spray angle degrees</b>	65°- 80°
<b>Pressure at nozzle</b>	15-18 MPa (150-180 kg/cm <sup>2</sup> )

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Jotun Protects Property

#### Spreading rate per coat

Recommended, sawn wood	5 - 8	m <sup>2</sup> /l
Recommended, planed wood	10 - 16	m <sup>2</sup> /l

#### Recommended film thickness per coat

##### Wet

##### Dry (calculated)

Recommended, sawn wood	62 - 100	µm
Recommended, planed wood	31 - 50	µm

#### Thinner

Shall not be thinned.

#### Cleaning of painting tools

Suitable cleaning agent.

#### Drying times

The drying time depends on the surface temperature (min. -5 °C), absorption, humidity and air circulation. If more than one coat is needed, they should be applied with a maximum 14 day interval to achieve optimum adhesion between coats.

##### Relative Humidity (RH) 50 %

Air temperature	-5 °C	5 °C	15 °C	23 °C
Dust dry	48 h	22 h	10 h	5 h
Dry to over coat, minimum	4 days	48 h	24 h	12 h

## Directions for use

#### Surface preparation

Sand down sharp edges. Substrates that have been untreated for more than 4 weeks must be cleaned and loose wood fibres must be removed. Remove weathered wood, loose paint and wood fibres by brushing/scraping. Contaminated/fungus infested/chalking surfaces to be washed with a suitable cleaning agent.

#### Primer

Bare spots (from drybrushing/scraping) to be primed with VISIR Oljegrunning. Apply 3-4 coats wet-on-wet to the end grains/cut surfaces.

#### Topcoat

Apply 2 coats of JOTUN Butinox Oil Based Opaque Woodstain (Butinox 2) to primed surfaces. Previously stained or opaque stained woodwork: Apply two coats. Distribute stain evenly and work 3-4 lengths at a time. Saturate all end grains/cut surfaces thoroughly.

#### Storage

In storage and in transport keep the container upright.

#### Disposal of waste

Liquid paint 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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## 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.