

Technical Data Sheet



JOTUN Butinox Futura Waterbased Opaque Woodstain (Butinox 3)

Product description

Type

JOTUN Butinox Futura Waterbased Opaque Woodstain (Butinox 3) is based on acrylic and alkyd oil. For exterior use.

Features and benefits

High technology product with very good colour and gloss stability.

Recommended use

To be applied to new, previously stained or painted woodwork, as well as impregnated.

Substrate

For use on exterior wood where you want an opaque look with a slight textured finish.

Product data

Packaging size	0,75 L (BASE 0,68 L), 3 L (BASE 2.7 L) and 10 L (BASE 9 L)
Base availability	A, B, C and oxide red
Tinting	Up to 10 % with Jotun Multicolor colorants.
Colours	White
Gloss level	25-35
Generic type	Based on acrylic and alkyd oil.
Solids	47 ± 2 volume% (White)
Specific gravity	1,25 (White)
VOC for Ready-for-Use Mixture	EU limit value for this product (cat. A/d): 130 g/l. This product contains max 80 g/l VOC.

Application data

Remarks

Contents of tins with different production numbers should be mixed. Stir well before use. Coating on fire protected cladding may cause salt precipitation/flaking. Previous tar/mineral oil treatment and knots may cause discolouration/blistering of the topcoat. Perform a test application. Sun on semi-dry paint may cause skin drying and sun blisters. Condensation may cause dull patches. Linseed oil may cause blistering of future paint layers. Please be aware of linseed oil/moisture problems. Sand glossy and hard surfaces or use a suitable cleaning agent. 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).

Application methods

Brush, roller or spray.

Guiding data for airless spray

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Nozzle tip	0.46 mm (0.018")
Spray angle degrees	60°- 80°
Pressure at nozzle	Min. 15 MPa (Min. 150 kg/cm ²)

Conditions during application

The air and surface temperature must be above + 5 °C. Do not apply stain if there is a risk of condensation or rain until the film is dry.

Spreading rate per coat

Recommended, sawn wood	7 - 10	m ² /l
Recommended, planed wood	10 - 12	m ² /l

Recommended film thickness per coat

Dry (calculated)		
Recommended, sawn wood	47 - 67	µm
Recommended, planed wood	39 - 47	µm

Cleaning of painting tools

Water and a suitable cleaning agent.

Drying times

Variations by changes in temperature, humidity, wind conditions and film thickness.

Relative Humidity (RH) 50 %

Air temperature	23 °C
Substrate temperature	23 °C
Dry to over coat, minimum	4 h
Dry to use	12 h

Directions for use

Surface preparation

The substrate must be clean, sound and dry. Sand down sharp edges. Fresh wood left untreated for more than 4-6 weeks should be cleaned using a suitable cleaning agent and brushed with a wire brush. Previously treated wood should be cleaned using a suitable cleaning agent. Rinse well with fresh water. Remove loose stain/ wooden fibres.

Pretreatment

Apply a suitable anti fungal treatment in accordance with the user instructions.

Primer

1 x VISIR Oljegrønning. The primer must be brushed out thoroughly. The product is supposed to penetrate into the substrate, and should not be allowed to form a film on the surface. Apply 3-4 coats wet-on-wet to the end grains/cut surfaces.

Topcoat

New, planed woodwork: 3 coats JOTUN Butinox Futura Waterbased Opaque Woodstain (Butinox 3). Previously treated and new, unplaned/rough woodwork: 2 coats JOTUN Butinox Futura Waterbased Opaque Woodstain (Butinox 3). Horizontal cladding: 3 coats JOTUN Butinox Futura Waterbased Opaque Woodstain (Butinox 3).

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Storage

In storage and in transport keep the container frost free and 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.



Environmental labelling



The product is recognized by Miljømerking Norge, and conforms with the demands of the environmental label Svanen (the swan).

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.

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.