

## OPTIMAL Vindu og dør

### Product description

#### Type

Opaque wood protection for outdoor use.

#### Features and benefits

Very good colour stability and long maintenance intervals. Contains effective film conserving agent that counteract mould growth.

Easy to apply. Retains colour and gloss over an extended period. Has good adhesion.

#### Recommended use

Especially suitable for planed wood, like windows, doors, window dressings, garden furniture, garage door, fences etc. To be applied to new, previously stained or painted woodwork, as well as impregnated. Also suitable as a topcoat for previously primed gutters, fascias made of plastic and metal commonly use on buildings. To be used in combination with **VISIR Oljegrunning**, as part of a system treatment.

### Product data

<b>Packaging size</b>	0,75 L (contents 0,68 L) and 3 L (content 2.7 L)
<b>Base availability</b>	White, A, B, C and oxide red. Bases must not be used unless tinted (does not apply for white base).
<b>Tinting</b>	Bases must be tinted using <b>Jotun Multicolor</b> .
<b>Colors</b>	White base may be used untinted as White.
<b>Gloss level</b>	45-55 semi gloss
<b>Generic type</b>	Based on acrylic/alkyd hybrid technology.
<b>Solids by volume</b>	34 ± 2 volume% C-base/white
<b>Specific gravity</b>	1.08 - 1.29 C-base/white
<b>VOC for Ready-for-Use Mixture</b>	EU limit value for the product (cat. A/d): 130 g/l. The product contains max 80 g/l VOC.

### Application data

#### Remarks

Contents of tins with different production numbers should be mixed to avoid possible colour deviations. Stir well. To ensure long durability it is important to apply a sufficient amount of paint on edges and planed surfaces. 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. Please be aware of linseed oil/moisture problems. Condensation may cause dull patches.

#### Application equipment / methods

Brush, roller or spray.

#### Guiding data for airless spray

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

The product may be diluted in case of spray application. Thinner: water

## Cleaning of painting tools

Water and **JOTUN Penselrens**.

	Spreading rate per coat (m <sup>2</sup> /liter)	Film thickness per coat (m <sup>2</sup> /liter)	
		Wet (calculated)	Dry (calculated)
Recommended, sawn wood :	6 - 9	111 - 167	41 - 61
Recommended, planed wood:	9 - 12	83 - 111	30 - 41

## Dilution

Do not mix in oil additives.

## Conditions during application

Air and surface temperature must be above +5 °C during application.

## Drying times

Drying time deviates at changes in temperature, air humidity, wind, absorption and film thickness.

The drying time is measured by stated values:

Relative Humidity (RH) 50 %

Air temperature	5 °C	15 °C	23 °C
Dust dry	6 h	4 h	2 h
Paintable	12 h	6 h	4 h

## Directions for use

### Surface preparation

The substrate must be clean, sound and dry: For the best possible edge coverage, sand down sharp edges. Fresh wood left untreated for more than 4 weeks should be cleaned using **JOTUN 2-i-1 Husvask og soppfjerner** / **JOTUN 2-i-1 Husvask och mögeldesinfektion** / **JOTUN 2-i-1 Husvask og Træ og Murrens** b and brushed with a wire brush. Vacuum and dip treated wood (containing wax or silicone) should be degreased with methylated spirit. Previously treated wood should be cleaned using **JOTUN 2-i-1 Kraftvask og soppfjerner** / **JOTUN 2-i-1 Kraftvask och mögeldesinfektion** / **JOTUN 2-i-1 Kraftvask og Træ og Murrens**. Sand glossy and hard surfaces. Remove loose paint/stain and wood fibres by wire brush or scraping.

### Primer

Bare iron and nail heads to be primed with **QUICK Bengalack Metallgrunning**. New untreated or impregnated woodwork as well as exposed putty to be primed with 1 x **VISIR Oljegrunning**. Apply 3-4 coats wet-on-wet to the end grains/cut surfaces.

### Topcoat

**OPTIMAL Vindu og dør**. New, planed woodwork: 3 coats. Previously treated: 2 coats.

## Maintenance

### Storage

Frost free freight and 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.



## 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.

### Indoor environment / Emission

The product is recommended for outdoor use only.

## Miscellaneous

**Product code:** 15160

**The first three characters of the Part Number:** 681

### 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.