

OPTIMAL OptiWhite

Product description

Type

Opaque wood protection for outdoor use. Self-cleaning, specially designed for white and light colours.



Features and benefits

Special formulation with extremely low dirt pick-up, which reduce the risk of dirt and grime attaching to the surface. Preserves white colours longer. Contains effective film conserving agent that counteract mould growth. The binder technology in combination with weather resistant pigments protects the wood against sunlight and gives very good weather resistance. Maintains colour and gloss for a long time, dries quickly and is easy to apply.

Recommended use

To be used in combination with **VISIR Oljegrunding**, as part of a system treatment. To be applied to new, previously stained or painted woodwork, as well as impregnated. Also suitable as a topcoat for previously primed gutters, fascia's made of plastic and metal commonly use on buildings. Prime the metal with **QUICK Bengalack Grunning**.



Product data

Packaging size	3 L (filling level 2.7 L) and 10 L (filling level 9 L)
Base availability	White base
Tinting	Must be tinted using Jotun Multicolor .
Colors	White base may be used untinted as White.
Gloss level	17-24
Generic type	Based on special acrylic.
Solids by volume	37 ± 2 volume%
Specific gravity	1.28
pH value	8.2 to 8.9
VOC for Ready-for-Use Mixture	EU limit value for the product (cat. A/d): 130 g/l. The product contains max 50 g/l VOC.

Application data

Remarks

To ensure long durability it is important to apply a sufficient amount of paint on edges and planed surfaces, min. 3 coats (100 µm dry paint film). Sand down sharp edges. Remember to coat end grain.

Can not be mixed with other paint products and do not mix in oil additives. The product is water soluble. The product shall not be thinned.

Previous tar/mineral oil treatment and knots may cause discolouration/blistering of the topcoat. Linseed oil / oils in the substrate can cause blisters and flaking. Sun on semi-dry treatment may cause skin drying and sun blisters. Painting on fire protected cladding may cause salt precipitation/flaking.

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 paint / opaque stain / 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. Airless spray may be used.

Guiding data for airless spray

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

Spreading rate and film thickness

	Spreading rate per coat (m ² /liter)	Film thickness per coat (µm)	
		Wet (calculated)	Dry (calculated)
Recommended, sawn wood:	6 – 10	100 – 167	37 – 62
Recommended, planed wood:	9 – 12	83 – 111	31 – 41

Comments:

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).

Cleaning of painting tools

Water and **JOTUN Penselrens**.

Thinner

Shall not be thinned.

Dilution

Do not mix in oil additives.

Conditions during application

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

Do not paint if there is a risk of condensation or rain and wait until the film is dry.

- High humidity (RH%) significantly prolongs the drying time for waterborne products.
- 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.

The product contains effective agents against surface mould. In unfavorable drying and curing conditions, these can form a visible yellow compound in the surface. This is a surface phenomenon that will disappear after some time under the influence of light and UV rays. The phenomenon will not affect the product's effectiveness against surface fungi or otherwise impair the product's quality and durability.

Drying times

Drying times deviate because of changes in temperature, air humidity, wind, absorption and film thickness.

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	1.5 h	1 t	0.5 h
Recoatable, minimum	6 t	3 t	2 t

Directions for use

The substrate must be clean, sound and dry. For the best possible edge coverage, sand down sharp edges.

Substrate	Treatment
New woodwork:	Before or immediately after installation of new woodwork, treat with a brush coat of VISIR Oljegrunning . Use VISIR Oljegrunning klar during the cold season when the air and surface temperature is below +5 °C. The primer must be brushed out thoroughly. Apply 3-4 coats wet-on-wet to the end grains/cut surfaces. Apply 3 coats OPTIMAL OptiWhite on new planed woodwork and 2 coats on on new sawn woodwork.
Fresh wood left untreated for more than 4 weeks:	Should be cleaned using NO: JOTUN 3-i-1 Kraftvask og soppfjerner / SE: JOTUN 3-i-1 Kraftvask och mögeldesinfektion and brushed with a wire brush. Apply VISIR Oljegrunning to bare woodwork. Use VISIR Oljegrunning klar during the cold season when the air and surface temperature is below +5 °C. The primer must be brushed out thoroughly. Apply 3-4 coats wet-on-wet to the end grains/cut surfaces. Apply 3 coats OPTIMAL OptiWhite on new planed woodwork and 2 coats on on new sawn woodwork.
Previously treated wood:	Should be cleaned using NO: JOTUN 3-i-1 Kraftvask og soppfjerner / SE: JOTUN 3-i-1 Kraftvask och mögeldesinfektion and brushed with a wire brush. Remove loose paint/stain and wood fibers by wire brush or scraping. Sand glossy and hard surfaces. Bare spots (from drybrushing/scraping) to be primed with VISIR Oljegrunning . Use VISIR Oljegrunning klar during the cold season when the air and surface temperature is below +5 °C. The primer must be brushed out thoroughly. Apply 3-4 coats wet-on-wet to the end grains/cut surfaces. Apply 2 coats OPTIMAL OptiWhite .

Cleaned metal:

Prime the metal with **QUICK Bengalack Grunning**.
Apply 2 coats **OPTIMAL OptiWhite**.

Maintenance

Wash the house with NO: **JOTUN 3-i-1 Kraftvask og soppfjerner** / SE: **JOTUN 3-i-1 Kraftvask och mögeldesinfektion** diluted 1:15 when necessary.

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 frost free and upright.

Disposal of waste

Liquid paint and washing water with paint residues must not be emptied into drains or watercourses. It must be delivered to an approved local environmental protection station.



Must be empty and dry

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.

Miscellaneous

NOBB number

This document covers the following NOBB numbers:

50428560, 50428556

NOBB module number

42014379

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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.