DEMIDEKK Infinity



Product description

Type

Opaque wood protection for outdoor use with unique INFINITY technology. The product is waterborne.

Features and benefits

INFINITY technology provides superior protection and the product has superior color and gloss durability, which makes the surface look freshly painted for a very long time. Contains effective film conserving agent that counteracts the risk of black mold growing on the wood surface. The paint is self-cleaning and stays clean and pretty for a long period of time.

The combination of high quality binders and weather resistant pigments protects the wood against sunlight and provides very good weatherability. The product has very good application properties and has a rich consistency. Dries quickly and achieves water resistance very quickly.

Recommended use

To be used in combination with **VISIR Oljegrunning**, 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	0,75 L (filling level 0,68 L). 3 L (filling level 2.7 L). and 10 L (filling level 9 L).
Base availability	White, A-, B-, C-, oxide red-, ochre- and yellow base. Bases must not be used unless tinted (does not apply for white base).
Tinting	Up to 10 % with **Jotun Multicolor** colorants.
Colors	White base may be used untinted as White.
Gloss level	Silky matt 20
Generic type	Based on the INFINITY technology and the AMA (Alkyd Modified Acrylics) technology.
Solids by volume	39 ± 2 volume%
Specific gravity	1.24
pH value	8.2 to 9
VOC for Ready-for-Use Mixture	EU limit value for the product (cat. A/d): 130 g/l. The product contains max 75 g/l VOC.

This technical data sheet supersedes those previously issued.
The Technical Data Sheet (TDS) is recommended to be read in conjunction with the Safety Data Sheet (SDS) for this product.
For your nearest local Jotun office, please visit our website at www.jotun.com.

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. Saturate all end grains/cut surfaces thoroughly, apply 3-4 coats wet-on-wet. Perform a test application.
Can not be mixed with other paint products and do not mix in oil additives.
Stir well both before and during use.

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 the content in cans with different batch 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 / maintenance oil for the same project at a later time.
- If you notice any visible differences, contact your point of sale or Jotun Technical Service (tel. +47 33457530).

Application equipment / methods

Brush and 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/cm²)

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

Cleaning of painting tools

Water and **JOTUN Penselrens**.

Spreading rate and film thickness

	Spreading rate per coat (m²/liter)	Film thickness per coat (µm)	
		Wet (calculated)	Dry (calculated)
Recommended, sawn wood:	5 – 8	125 – 200	49 – 78
Recommended, planed wood:	10 – 12	83 – 100	32 – 39

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.

When there is a risk of condensation, finish the painting in time to dry before condensation occur.

- 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.

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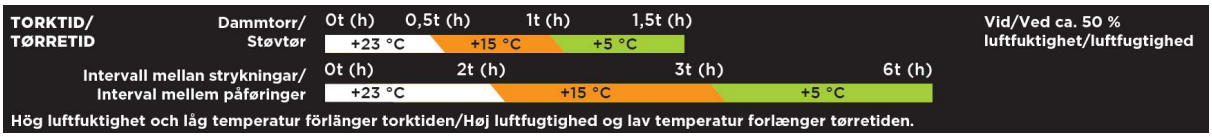
- Stagnant air retards the drying, and can provide higher risk of condensation.
- Low temperature and condensation can provide inadequate film formation/curing.

The product contains effective agents against surface mould. In unfavorable drying and curing conditions, a visible yellow discoloration on the surface might occur. 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	73 °F	59 °F	41 °F
Substrate temperature	73 °F	59 °F	41 °F
Dust dry	0.5 h	1 h	1.5 h
Recoatable, minimum	2 h	3 h	6 h



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 **DEMIDEKK Infinity** on new planed woodwork and 2 coats on new sawn woodwork.
Fresh wood left untreated for more than 4 weeks:	Should be cleaned using NO: **JOTUN Kraftvask** 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 **DEMIDEKK Infinity** on new planed woodwork and 2 coats on new sawn woodwork.
Previously treated wood:	Should be cleaned using NO: **JOTUN Kraftvask**. 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 **DEMIDEKK Infinity**.
Gutters, fascias made of plastic and metal commonly used on buildings:	Clean with NO: **JOTUN Kraftvask** / SE: **JOTUN 3-i-1 Kraftvask och mögeldesinfektion**. Metal to be first primed with 2 coats **QUICK Bengalack Grunning** Apply 2 coats **DEMIDEKK Infinity**.

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Maintenance

Wash the house with **JOTUN Kraftvask** 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.





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.

Indoor environment / Emission

The product is recommended for outdoor use only.

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.

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