

DEMIDEKK Infinity

Product description

Type

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

Features and benefits

The advanced INFINITY technology allows the paint to have superb color and shine durability providing long maintenance intervals. Contains effective film conserving agent that counteracts mould and algae growth on the surface. The paint is dirt repellent and stays clean and pretty for long periods.

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 Metallgrunning**.

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	15-25
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 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.

Application data

Remarks

Do not paint if there is a risk of condensation or rain and wait until the film is dry. Contents of tins with different production numbers should be mixed. Please note! Can not be mixed with other paint products and do not mix in oil additives. 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). Painting 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 treatment may cause skin drying and sun blisters. Please be aware of linseed oil/moisture problems. Moisture on semi-dry treatment may cause dull patches. Dull patches may also occur when drying during high relative humidity and low temperatures.

Remember to coat end grain.
Metal to be first primed with 2 coats **QUICK Bengalack Metallgrunning**. Then apply 2 x **DEMIDEKK Infinity**.

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)

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 (m ² /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

Do not paint if there is a risk of condensation or rain and wait until the film is dry.
Air and surface temperature must be above +5 °C during application.

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 h	0.5 h
Recoatable, minimum	6 h	3 h	2 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 JOTUN 2-i-1 Husvask og soppfjerner / JOTUN 2-i-1 Husvask och mögeldesinfektion / JOTUN 2-i-1 Husvask/Træ- og Murrens 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 JOTUN 2-i-1 Kraftvask og soppfjerner / JOTUN 2-i-1 Kraftvask och mögeldesinfektion / JOTUN 2-i-1 Husvask/Træ- og Murrens . Remove loose paint/stain and wood fibres 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 JOTUN 2-i-1 Kraftvask og soppfjerner / JOTUN 2-i-1 Kraftvask och mögeldesinfektion / JOTUN 2-i-1 Kraftvask/Træ- og Murrens . Metal to be first primed with 2 coats QUICK Bengalack Metallgrunning . Apply 2 coats DEMIDEKK Infinity .

Maintenance

We recommend to wash the house using **JOTUN 2-i-1 Husvask/Træ- og Murrens** every year.

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.

Indoor environment / Emission

The product is recommended for outdoor use only.

Miscellaneous

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.