

DEMIDEKK Infinity Details

Product description

Type

Opaque wood protection for outdoor use with unique INFINITY technology.



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. The paint is self-cleaning. The product has a fast drying time - rainproof after one hour, and superb application properties that are specially adapted for painting windows, doors, garage doors, garden furniture and fences.

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, fascia's made of plastic and metal commonly use on buildings.



JOTUN 3-i-1 Kraftvask och mögeldesinfektion



Vatten/
JOTUN Penseltvätt

Product data

Packaging size	0,75 L (filling level 0,68 L) and 3 L (filling level 2.7 L)
Base availability	White, A, B, C and oxide red.
Tinting	Bases must be tinted using Jotun Multicolor .
Gloss level	40-50 semi gloss
Generic type	Based on the INFINITY technology and the AMA (Alkyd Modified Acrylics) technology.
Solids by volume	38 ± 2 volume%
Specific gravity	1.05 - 1.24 C-base / white base
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

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. Perform a test application. Can not be mixed with other paint products and do not mix in oil additives.

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, roller or spray.

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:	6 – 8	125 – 167	48 – 63
Recommended, planed wood:	8 – 12	83 – 125	32 – 48

Thinner

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.

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

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Dust dry	1.5 h	1 h	0.5 h
Recoatible, minimum	6 h	3 h	2 h

Directions for use

The substrate must be clean, sound and dry.
Smooth sharp edges using emery/sand paper.

Substrate	Treatment
New / untreated timber:	New untreated or impregnated woodwork as well as exposed putty to be primed with 1 x VISIR Oljegrunning . The primer must be brushed out thoroughly. Apply 3-4 coats wet-on-wet to the end grains/cut surfaces. Topcoat: Apply 3 coats DEMIDEKK Infinity Details on new planed woodwork and 2 coats on new sawn woodwork.
Vacuum and dip treated wood, as well as industrially applied substrates (containing wax or silicone):	Vacuum and dip treated wood, as well as industrially applied substrates (containing wax or silicone) should be degreased with methylated spirit. New untreated or impregnated woodwork as well as exposed putty to be primed with 1 x VISIR Oljegrunning . The primer must be brushed out thoroughly. Apply 3-4 coats wet-on-wet to the end grains/cut surfaces. Topcoat: Apply 3 coats DEMIDEKK Infinity Details on new planed woodwork and 2 coats on new sawn woodwork.
Copper impregnated wood:	Pressure impregnated wood must be dry before treatment, ie the moisture in the wood should not exceed 20%. Then the surface must be washed well with water to remove surface salts before treatment. New untreated or impregnated woodwork as well as exposed putty to be primed with 1 x VISIR Oljegrunning . The primer must be brushed out thoroughly. Apply 3-4 coats wet-on-wet to the end grains/cut surfaces. Topcoat: Apply 3 coats DEMIDEKK Infinity Details on new planed woodwork and 2 coats on new sawn woodwork.
Contaminated/fungus infested surfaces:	Contaminated/fungus infested/chalking surfaces to be washed with JOTUN 3-i-1 Kraftvask og soppfjerner /- och mögeldesinfektion /- Træ- og Murrens diluted 1:15 with water. Any degraded, gray wood is removed by scraping / sanding. Rinse well with fresh water. New untreated or impregnated woodwork as well as exposed putty to be primed with 1 x VISIR Oljegrunning . The primer must be brushed out thoroughly. Apply 3-4 coats wet-on-wet to the end grains/cut surfaces. Topcoat: Apply 3 coats DEMIDEKK Infinity Details on new planed woodwork and 2 coats on new sawn woodwork.
Previously treated wood:	Previously treated wood should be cleaned using JOTUN 3-i-1 Kraftvask og soppfjerner / JOTUN 3-i-1 Kraftvask och mögeldesinfektion / JOTUN 3-i-1 Kraftvask/Træ- og Murrens diluted with water 1:10. Rinse well with fresh water. Sand glossy and hard surfaces. Remove loose stain/opaque stain and wood fibers by wire brush or scraping. New untreated or impregnated woodwork as well as exposed putty to be primed with 1 x VISIR Oljegrunning . The primer must be brushed out thoroughly. Apply 3-4 coats wet-on-wet to the end grains/cut surfaces. Topcoat: Apply 2 coats DEMIDEKK Infinity Details .
Gutters, fascias made of plastic and metal commonly used on buildings:	Clean with JOTUN 3-i-1 Kraftvask og soppfjerner / JOTUN 3-i-1 Kraftvask och mögeldesinfektion / JOTUN 3-i-1 Kraftvask og Træ- og Murrens . Bare metal to be primed with 2 x QUICK Bengalack Grunning . The primer must be brushed out thoroughly. Topcoat: Apply 2 coats DEMIDEKK Infinity Details .

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.

Contact information

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NO-3202 Sandefjord
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Tel.: +47 33 45 70 00

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VISIR Oljegrunning klar

VISIR Oljegrunning klar

Product description

Type

Water repellent primer for outdoor use only.

Features and benefits

The product contains effective film conserving agents that counteract mould growth on the wooden surface. Reinforces the surface and makes it water repellent. Binds loose wood fibres and provides a good surface for further treatment. Prolongs the durability of the paint system.

Recommended use

To be used before applying stains - can be used on all new and weatherworn external woodwork, as well as impregnated. Also recommended under opaque stains and paints - during the cold season (under + 5°C).

Product data

Packaging size	0,9 L, 2,7 L and 9 L
Colours	Non-pigmented, clear.
Generic type	Primer, based on special alkyd oils.
Solids by volume	30 ± 2 volume%
Specific gravity	0.92
Flash point	63 °C
VOC for Ready-for-Use Mixture	EU limit value for the product (cat. B/h): 750 g/l. The product contains max 750 g/l VOC.

Application data

Remarks

Recoat with required finishing coats within 1 month.
Surfaces previously treated with linseed oil stain or linseed oil paints. must be cleaned to bare woodwork, because old linseed oil may cause blistering when coated with stain, translucent stain or paint.
To ensure proper handling of this product, it is recommended to use protective gloves at all times. It is important to change gloves from time to time with regard to chemical penetration.

Application equipment / methods

Use a primer brush, avoid dry brushing. Do not brush across the cladding but apply **VISIR Oljegrunning klar** in the longitudinal direction of the cladding. The primer must be brushed out thoroughly to prevent the product from forming film on the substrate. Wipe off excess primer from intact substrates.

Cleaning of painting tools

JOTUN Penselrens and water or a suitable cleaning agent and water.

Spreading rate and film thickness

Spreading rate
per coat
(m²/liter)

Recommended, sawn wood:	4	-	7
Recommended, planed wood:	9	-	11

Thinner

The product is ready to use and should not be thinned.

Dilution

Do not mix in oil additives.

Drying times

The drying time depends on the surface temperature (min. -5 °C), absorption, humidity and air circulation.

The drying time is measured by stated values:

Relative Humidity (RH)	50 %	50 %	50 %	50 %
Air temperature	-5 °C	5 °C	15 °C	23 °C
Substrate temperature	-5 °C	5 °C	15 °C	23 °C
Recoatable, minimum	1 week	72 h	48 h	24 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/Træ- og Murrens** or a suitable detergent and brushed with a wire brush.

Previously treated wood should be cleaned using **JOTUN 2-i-1 Kraftvask/Træ- og Murrens** or a suitable detergent. Remove loose paint and wood fibres by wire brush or scraping.

Clean window frames with **JOTUN 2-i-1 Kraftvask/Træ- og Murrens** or a suitable cleaning agent. Rinse well with fresh water.

Primer

Before or immediately after installation of all bare woodwork, treat with one brush coat of **VISIR Oljegrønning klar**. The primer must be brushed out thoroughly. This is especially important when applied on hardwood.

Apply 3-4 coats wet-on-wet to the end grains/cut surfaces. Recommended used under opaque stains and paints during the cold season.

The primer must be coated with the topcoat as soon as possible and no later than 1 month. For maximum protection woodwork primed during the winter, at low temperatures, can be applied 1 coat **DRYGOLIN Oljedekkbeis**, and then be finished with desired topcoat the following spring. **VISIR Oljegrønning klar** can be used as a primer on tropical wood before applying Jotun's **BENAR** products.

Topcoat

Can be treated with all Jotun's stains, opaque stains and paints.

Technical Data Sheet

VISIR Oljegrunning klar

VISIR Oljegrunning klar

Storage

In storage and in transport keep the container upright.

Disposal of waste

Empty containers, left over primer and splashed material must be brought to a local recycling station. Remove as much primer as possible e.g. using **JOTUN Penselrens** Brush Cleaner or a suitable cleaning agent, from the tool. Liquid primer must not be emptied into drains or water systems but be returned to a reception centre for dangerous waste.



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

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VISIR Oljegrunning pigmentert

Product description

Type

Special water repellent primer that contains powerful fungicides to combat against wood rotting fungi.

Features and benefits

Binds loose wood fibres and provides a good surface for further treatment. The product contains fungicides to protect against wood rotting fungi and surface moulds.

Contains pigments to protect the wood against damaging UV-light and gives a colour similar to wood. Reinforces the surface and makes it water repellent. Prolongs the durability of the paint system.

Recommended use

To be used before applying opaque stains and paints - can be used on all new and weatherworn external woodwork. At temperatures below + 5 °C **VISIR Oljegrunning klar** must be used.

Conditions of use

Soil must be covered during application. Must not be used near surface water. Run-off to surface water must be prevented. Must not be used on materials that come into direct contact with water or soil. Not to be used on materials which are in direct contact with food or animal feed. Maximum spreading rate of (4 m²/l) must not be exceeded. The product is not to be used for spray application.

Product data

Packaging size	1 L, 3 L and 10 L
Colors	Approximates woodwork.
Generic type	Primer, based on special alkyd oils.
Solids by volume	40 ± 2 volume%
Specific gravity	1
VOC for Ready-for-Use Mixture	EU limit value for the product (cat. A/h): 30 g/l. The product contains max 30 g/l VOC.

Application data

Remarks

Stir well before use.

Using **VISIR Oljegrunning pigmentert** under a transparent stain may create a different colour than shown in the colour chart/brush tests. Perform a test application. Under translucent stains **VISIR Oljegrunning klar** is recommended.

Surfaces previously treated with linseed oil stain or linseed oil paints. must be cleaned to bare woodwork, because old linseed oil may cause blistering when coated with stain, translucent stain or paint.

To ensure proper handling of this product, it is recommended to use protective gloves at all times. It is important to change gloves from time to time with regard to chemical penetration.

Application equipment / methods

Use a primer brush, avoid dry brushing. Do not brush across the cladding but apply **VISIR Oljegrønning pigmentert** in the longitudinal direction of the cladding. The primer must be brushed out thoroughly to prevent the product from forming film on the substrate. Wipe off excess primer from intact substrates.

Cleaning of painting tools

Water and **JOTUN Penselrens**.

	Spreading rate per coat (m ² /liter)	Film thickness per coat (µm)	
		Wet (calculated)	Dry (calculated)
Recommended, sawn wood:	4 – 7	143 – 250	57 – 100
Recommended, planed wood:	6 – 8	125 – 167	50 – 67
Comments:	Maximum spreading rate of (4 m ² /l) must not be exceeded.		

Conditions during application

The air and surface temperature must be above + 5 °C.

Drying times

The drying time depends on the surface temperature (min. +5 °C), absorption, humidity and air circulation.

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
Paintable	72 h	48 h	24 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.

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**. Remove loose paint and wood fibres by wire brush or scraping. Rinse well with fresh water.

Clean window frames with **JOTUN 2-i-1 Kraftvask og soppfjerner** / **JOTUN 2-i-1 Kraftvask och mögeldesinfektion** / **JOTUN 2-i-1 Kraftvask og Træ og Murrens**. Rinse well with fresh water.

Primer

Before or immediately after installation of new woodwork, treat with a brush coat of **VISIR Oljegrønning pigmentert**. The primer must be brushed out thoroughly. Apply 3-4 coats wet-on-wet to the end grains/cut surfaces. Recoat with required finishing coats within 1 month.

For maximum protection woodwork primed during the winter, at low temperatures, can be applied 1 coat **DRYGOLIN Oljedekkbeis**, and then be finished with desired topcoat the following spring.

Topcoat

Can be treated with all Jotun's opaque stains and paints.

Remarks

Use biocidal products responsibly. Always read label and product information before use.

Maintenance

Storage

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

Disposal of waste

Empty containers, left over primer and splashed material must be brought to a local recycling station. Remove as much primer as possible e.g. using **JOTUN Penselrens**, from the tool. Liquid primer must not be emptied into drains or water systems but be returned to a reception centre for dangerous waste.



Certificates

Approved according to BPR, Approval no NO-2011-0003.

Health and safety

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