

Technical Data Sheet



DEMIDEKK Ultimate Opaque Coating

DEMIDEKK Ultimate täckfärg

Product description

Type

Opaque wood protection for outdoor use. The product is water soluble. Based on the AMA (Alkyd Modified Acrylics) technology.

Features and benefits

The advanced binder technology gives the paint very good colour stability and long maintenance intervals. Contains effective film conserving agents that counteract mould growth on the surface.

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

Substrate

To be used in combination with **VISIR Oljegrunning**, as part of a system treatment. Recommended used on new primed, primed impregnated or previously stained or painted exterior woodwork. Can also be used as a cosmetic topcoat on metal. Prime the metal with **QUICK Bengalack Grunning** or a suitable primer.



Product data

Packaging size	White, A, B, C and oxide red: 0.9 L, 2.7 L, 4.5L and 9 L. Ochre- and yellow base: 0.9 L, 2.7 L and 9 L. Pre-mixed colours: Egg white 3 L and 10 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.
Colours	White base may be used untinted as White. Pre-mixed colours: Egg white
Gloss level	20-30
Generic type	Based on the AMA (Alkyd Modified Acrylics) technology.
Solids by volume	38 ± 2 volume%
Specific gravity	1.26 White base
pH value	8 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 75 g/l VOC.

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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 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)

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

Cleaning of painting tools

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

Thinner

Shall not be thinned. Do not mix in oil additives.

Spreading rate and film thickness

	Spreading rate per coat (m ² /liter)	Film thickness per coat (µm)	
		Wet (calculated)	Dry (calculated)
Recommended, sawn wood:	7 – 10	100 – 143	38 – 54
Recommended, planed wood:	10 – 12	83 – 100	32 – 38

Conditions during application

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

Where condensation is possible, one should therefore finish the painting job well in advance.

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.

IF YOU NEED ANY ASSISTANCE OR ADVICE, PLEASE CONTACT SML PAINTS – INFO@SMLPAINTS.CO.UK

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Jotun Protects Property

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- 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.

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	23 °C	15 °C	5 °C
Substrate temperature	23 °C	15 °C	5 °C

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

TORKTID/ TØRRETID	Dammtorr/ Støvtør	Ot (h)	0,5t (h)	1t (h)	1,5t (h)	Vid/Ved ca. 50 % luftfuktighet/luftfugtighed
		+23 °C	+15 °C	+5 °C		
	Intervall mellan strykningar/ Interval mellem påføringer	Ot (h)	2t (h)	3t (h)	6t (h)	
		+23 °C	+15 °C	+5 °C		

Hög luftfuktighet och låg temperatur förlänger torktiden/Høj luftfugtighed og lav temperatur forlænger tørretiden.

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:	Treat new woodwork before or immediately after installation. Fresh wood left untreated for more than 4 weeks should be cleaned using JOTUN 3-i-1 Kraftvask og 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. Apply 3-4 coats wet-on-wet to the end grains/cut surfaces. Topcoat New, planed woodwork: 3 coats DEMIDEKK Ultimate Opaque Coating . New, sawn wood: 2 coats DEMIDEKK Ultimate Opaque Coating .
Previously treated wood:	Previously treated wood should be cleaned using JOTUN 3-i-1 Kraftvask og Træ- og Murrens . Observe use instructions. 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. Topcoat: DEMIDEKK Ultimate Opaque Coating .

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Maintenance

Wash the house with **JOTUN 3-i-1 Kraftvask og Træ- og Murrens** when necessary.

Storage

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

Disposal of waste

Remove as much paint as possible from brushes / tools before cleaning with water. 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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