

# Technical Data Sheet



## DEMIDEKK Ultimate Opaque Coating

### 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 substrate.

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 obtains water resistance very quickly.

#### Substrate

Recommended for new primed, previously stained or painted exterior woodwork. Can also be used as a cosmetic topcoat on metal. Prime the metal with a suitable primer.

### Product data

<b>Packaging size</b>	1 L (BASE 0,9 L), 3 L (BASE 2.7 L), 5 L (BASE 4.5 L) and 10 L (BASE 9 L)
<b>Base availability</b>	White, A-, B-, C-, oxide red-, ochre- and yellow base. Bases must not be used unless tinted (does not apply for white base).
<b>Tinting</b>	Up to 10 % with Jotun Multicolor colorants.
<b>Colours</b>	White base may be used untinted as White. Pre-mixed colours: Egg white
<b>Gloss level</b>	20-30
<b>Generic type</b>	Based on the AMA (Alkyd Modified Acrylics) technology.
<b>Solids</b>	38 ± 2 volume%
<b>Specific gravity</b>	1,24
<b>VOC for Ready-for-Use Mixture</b>	EU limit value for this product (cat. A/d): 130 g/l. This product contains max 80 g/l VOC.

### Application data

#### Remarks

Do not paint if there is a risk of condensation or rain until the film is dry. Contents of tins with different production numbers should be mixed to avoid possible colour deviations. Stir well. 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). Coating 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 paint may cause skin drying and sun blisters. Please be aware of linseed oil/moisture problems. Condensation may cause dull patches.

#### Application methods

Brush or roller. Airless spray may be used.

#### Guiding data for airless spray

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

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

### Conditions during application

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

### Spreading rate per coat

Recommended, sawn wood	7 - 10	m <sup>2</sup> /l
Recommended, planed wood	10 - 12	m <sup>2</sup> /l

### Recommended film thickness per coat

<b>Wet</b>	90 - 110	µm
<b>Dry</b>	40 - 50	µm
<b>Dry (calculated)</b>		
Recommended, sawn wood	38 - 54	µm
Recommended, planed wood	32 - 38	µm

### Thinner

Shall not be thinned.

### Dilution

Do not mix in oil additives.

### Cleaning of painting tools

Water and a suitable cleaning agent.

### Drying times

Drying time deviates at changes in temperature, air humidity, wind, absorption and film thickness.

#### Relative Humidity (RH) 50 %

<b>Air temperature</b>	5 °C	15 °C	23 °C
<b>Dust dry</b>	1,5 h	1 h	0,5 h
<b>Dry to over coat, minimum</b>	6 h	3 h	2 h

## Directions for use

### Surface preparation

The substrate must be clean, sound and dry: For the best possible edge coverage, sand down sharp edges. Treat new woodwork before or immediately after installation. Fresh wood left untreated for more than 4 weeks should be cleaned using a suitable cleaning agent and brushed with a wire brush. Previously treated wood should be cleaned using a suitable cleaning agent. Remove loose paint/stain and wood fibres by wire brush or scraping. Sand glossy and hard surfaces or use a suitable cleaning agent.

### Pretreatment

Apply a suitable anti fungal treatment in accordance with the user instructions.

### Primer

Bare, fresh wood to be primed with 1 coat VISIR Oljegrønning pigmentert. Use VISIR Oljegrønning 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.

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#### Topcoat

New, planed woodwork: 3 x DEMIDEKK Ultimate Opaque Coating. Previously treated and new, unplanned/rough woodwork: 2 x DEMIDEKK Ultimate Opaque Coating.

#### 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 Miljømerket 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.

## 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 (United Kingdom) version will prevail.