

# Technical Data Sheet



## DEMIDEKK Ultimate Window System

### 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

Very good colour stability and long maintenance intervals. Contains effective film conserving agents that counteract mould growth on the substrate.

Easy to apply. Has good adhesion.

#### 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. To be used in combination with VISIR Oljegrønning, as part of a system treatment. Also suitable as a topcoat for previously primed gutters, fascias made of plastic and metal commonly use on buildings.

### Product data

<b>Packaging size</b>	0,75 L (BASE 0,68 L) and 3 L (BASE 2.7 L)
<b>Tinting</b>	Up to 10 % with Jotun Multicolor colorants.
<b>Colours</b>	White, A, B, C and oxide red. Bases must be tinted using Jotun Multicolor.
<b>Gloss level</b>	40-50 semi gloss
<b>Generic type</b>	Based on the AMA (Alkyd Modified Acrylics) technology.
<b>Solids</b>	37 ± 2 volume%
<b>Specific gravity</b>	1,26 (white base)
<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

Contents of tins with different production numbers should be mixed to avoid possible colour deviations. Stir well. Sand down sharp edges. 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). 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. Do not mix in oil additives.

#### Application methods

Brush, roller or spray.

#### Guiding data for airless spray

<b>Nozzle tip</b>	0.46 mm (0.018")
<b>Spray angle degrees</b>	65°- 80°

# Technical Data Sheet

## DEMIDEKK Ultimate Window System



Jotun Protects Property

**Pressure at nozzle** 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

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

### Spreading rate per coat

Recommended, sawn wood	6 - 9	m <sup>2</sup> /l
Recommended, planed wood	9 - 12	m <sup>2</sup> /l

### Recommended film thickness per coat

<b>Wet</b>	90 - 110	µm
<b>Dry</b>	40	µm
<b>Dry (calculated)</b>		
Recommended, sawn wood	41 - 62	µm
Recommended, planed wood	31 - 41	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 %

Air temperature	5 °C	15 °C	23 °C
<b>Dust dry</b>	6 h	4 h	2 h
<b>Dry to over coat, minimum</b>	12 h	6 h	4 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 a suitable cleaning agent and brushed with a wire brush. Vacuum and dip treated wood, as well as industrially applied substrates (containing wax or other water repellent additives) should be degreased with methylated spirit. Previously treated wood should be cleaned using a suitable cleaning agent. Sand glossy and hard surfaces or use a suitable cleaning agent. JOTUN Kraftvask is a strong detergent that may cause stains or corrosion on window glass and aluminium details. Remove loose paint/stain and wood fibres by wire brush or scraping.

### Pretreatment

Apply a suitable anti fungal treatment in accordance with the user instructions. Apply 1 x JOTUN Impregnering tre on bare wood. Bare iron and nail heads to be primed with a suitable primer.

### Primer

## Technical Data Sheet

### DEMIDEKK Ultimate Window System



Jotun Protects Property

New untreated or impregnated woodwork as well as exposed putty to be primed with 1 x VISIR Oljegrønning. The product is supposed to penetrate into the substrate, and should not be allowed to form a film on the surface. Apply 3-4 coats wet-on-wet to the end grains/cut surfaces.

#### Topcoat

New, planed woodwork: 3 x DEMIDEKK Ultimate Window System. Previously treated: 2 x DEMIDEKK Ultimate Window System.

#### 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.



## 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.