

DEMIDEKK Ultimate helmatt

Product description

Type

DEMIDEKK Ultimate helmatt is a high quality, water soluble, opaque wood protection for exterior use, based on AMA (Alkyd Modified Acrylics) technology.

Features and benefits

The advanced binder technology gives the paint very good colour stability and long maintenance intervals. The product gives the substrate a completely mat, elegant appearance. Contains effective film conserving agents that counteract mould growth on the substrate.

The product is easy to apply and has a rich consistency. Dries quickly.

Recommended use

To be used in combination with **VISIR Oljegrunding**, as part of a system treatment. Recommended for new primed, previously stained or painted exterior woodwork.

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 | A, B and C. |
| Tinting | Bases must not be used unless tinted. Bases must be tinted using Jotun Multicolor . Up to 10 % with Jotun Multicolor colorants. |
| Gloss level | Completely matt 3 |
| Generic type | Based on the AMA (Alkyd Modified Acrylics) technology. |
| Solids by volume | 40 ± 2 volume% (A-base / C-base) |
| Specific gravity | 1.28 - 1.15 (A-base / C-base) |
| 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

Contents of tins with different production numbers should be mixed. Stir well before and during use.
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. Condensation may cause dull patches. Linseed oil may cause blistering of future paint layers. Please be aware of linseed oil/moisture problems.
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).

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) |

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 - 9 | 111 - 200 | 44 - 80 |
| Recommended, planed wood: | 10 - 14 | 71 - 100 | 29 - 40 |

Thinner

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

Conditions during application

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

Drying times

Variations by changes in temperature, humidity, wind conditions 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 | 30 minutes |
| 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: | <p>Fresh wood left untreated for more than 4-6 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.</p> <p>Bare, fresh wood to be primed with 1 coat VISIR Oljegrunding pigmentert. Use VISIR Oljegrunding 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.</p> <p>Topcoat: New, planed woodwork: 3 coats DEMIDEKK Ultimate helmatt. New, sawn wood: 2 coats DEMIDEKK Ultimate helmatt.</p> |
| Previously treated wood: | <p>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/Træ- og Murrens. Observe use instructions. Remove loose paint and wood fibers by wire brush or scraping. Sand glossy and hard surfaces.</p> <p>Bare spots (from drybrushing/scraping) to be primed with VISIR Oljegrunding. Use VISIR Oljegrunding 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.</p> <p>Topcoat: 2 coats DEMIDEKK Ultimate helmatt.</p> |

Substrates previously treated with limewash:

Substrates previously treated with limewash must be treated the same way as other previously painted substrates. However, the pretreatment must be done with extra care.

Limewash paints are loosely bound paints with a small amount of binder. This will cause chalking, which means that the substrate will be dusty and release colour when touched.

To obtain a good substrate, remove as much old limewash as possible by washing, brushing/scraping.

Bare spots (from drybrushing/scraping) to be primed with **VISIR Oljegrunding**.

There is a great risk that pigment residues on the substrate after thorough pretreatment, may penetrate the new paint layer. Therefore, a colour close to the origin is recommended. If a significant colour changes is desired (lighter colour), the substrate should be sealed with 1 coat **DEMIDEKK Oljetäckfärg**. Then **DEMIDEKK Ultimate helmatt** can be applied in optional colour.

Additional information

The product should be shaken before delivery from store.

Maintenance

We recommend to wash the house using **JOTUN 2-i-1 Husvask og soppfjerner** / **JOTUN 2-i-1 Husvask och mögeldesinfektion** / **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



2097 0003

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

Technical Data Sheet

DEMIDEKK Ultimate helmatt



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.

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.