# DEMIDEKK Cleantech




## Product description

### Type

Opaque wood protection for outdoor use. Self-cleaning, specially designed for white and light colours.

### Features and benefits

Special formulation with extremely low dirt pick-up, which reduce the risk of dirt and grime attaching to the surface. Contains effective film conserving agent that counteract mould growth. The binder technology in combination with weather resistant pigments protects the wood against sunlight and gives very good weather resistance. Maintains colour and gloss for a long time, dries quickly and is easy to apply.

### Recommended use

To be used in combination with **VISIR Oljegrunning**, as part of a system treatment. 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. Prime the metal with **QUICK Bengalack Grunning**.




## 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** | White, A-, B- and C-base. |
| **Tinting** | Must be tinted using **Jotun Multicolor**. |
| **Colors** | White base may be used untinted as White. |
| **Gloss level** | 17 - 24 |
| **Generic type** | Based on special acrylic. |
| **Solids by volume** | 37 ± 2 volume% |
| **Specific gravity** | 1.28 |
| **VOC for Ready-for-Use Mixture** | EU limit value for the product (cat. A/d): 130 g/l. The product contains max 60 g/l VOC. |



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.

# 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. Remember to coat end grain.
Can not be mixed with other paint products and do not mix in oil additives. The product is waterborne. The product shall not be thinned.

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 the content in cans with different batch 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 / maintenance oil for the same project at a later time.
- If you notice any visible differences, contact your point of sale or Jotun Technical Service (tel. +47 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/cm²) |

## Cleaning of painting tools

Water and **JOTUN Penselrens**.

## Thinner

Shall not be thinned.

## Dilution

Do not mix in oil additives.

## Spreading rate and film thickness

| | Spreading rate per coat (m²/liter) | Film thickness per coat (µm) | |
|---|---|---|---|
| | | Wet (calculated) | Dry (calculated) |
| **Recommended, sawn wood:** | 6 – 10 | 100 – 167 | 37 – 62 |
| **Recommended, planed wood:** | 9 – 12 | 83 – 111 | 31 – 41 |
| **Comments:** | | 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). | |



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## 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 higher risk of condensation.
- Low temperature and condensation can provide inadequate film formation/curing.

When there is a risk of condensation, finish the painting in time to dry before condensation occur.

The product contains effective agents against surface mould. In unfavorable drying and curing conditions, a visible yellow discoloration on the surface might occur. 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** | 41 °F | 59 °F | 73 °F |
| **Substrate temperature** | 41 °F | 59 °F | 73 °F |
| **Dust dry** | 1.5 h | 1 t | 0.5 h |
| **Recoatable, minimum** | 6 t | 3 t | 2 t |

# 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: | Before or immediately after installation of new woodwork, treat with a brush coat of **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.<br>Apply 3 coats **DEMIDEKK Cleantech** on new planed woodwork and 2 coats on on new sawn woodwork. |
| Fresh wood left untreated for more than 4 weeks: | Should be cleaned using **JOTUN Kraftvask** and brushed with a wire brush.<br>Apply **VISIR Oljegrunning** to bare woodwork. 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.<br>Apply 3 coats **DEMIDEKK Cleantech** on new planed woodwork and 2 coats on on new sawn woodwork. |
| Previously treated wood: | 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.<br>Apply two coats **DEMIDEKK Cleantech** . |
| Cleaned metal: | Prime the metal with **QUICK Bengalack Grunning**.<br>Apply two coats **DEMIDEKK Cleantech** . |



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## Maintenance

Wash the house with **JOTUN Kraftvask** diluted 1:15 when necessary.

## Management, Operation and Maintenance

Please refer to the FDV datasheet for information regarding maintenance and repair of the painted surface.

## Storage

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

## Disposal of waste

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).

## Green Building Standards

The declared product contributes to Green Building Standard credits by meeting the following specific requirements:

Swan (2097 0003)

BREEAM® International (2021) / BREEAM® International (2016)
- Mat 01: Product-specific Type III EPD (ISO 14025;21930, EN 15804+A2) for Jotun A/S.

BREEAM-NOR v6.0 (2022):
- Mat 02: Product-specific Type III EPD (ISO 14025, ISO 21930, EN 15804+A2) for Jotun A/S.
- Mat 02: The product's safety data sheet confirms that the product does not contain any substances on the Norwegian priority list (A20 list) and REACH approval/authorisation list – Annex XIV, prohibitions and restrictions – Annex XVII and SVHC candidate list.

BREEAM® NOR (2016)
- Mat 01: Product specific type III EPD (ISO 14025, ISO 21930, EN 15804+A2) for Jotun A/S.
- Mat 01: The product Safety Data Sheet confirms that the product does not contain any substances on the Norwegian A20 list.



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# 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.

# 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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