

Technical Data Sheet



DEMIDEKK Translucent Stain

Product description

Type

Waterborne stain that provides levels of translucency and durability that have previously been more commonly associated with traditional solvent-based coatings.

Since the product is waterborne, the solvent content is very low.

Features and benefits

The product contains effective film conserving agents that contributes to reducing mould growth on the wooden surface.

Product is based on a unique combination of alkyd and acrylic binders, reinforced with additives to protect against UV radiation. This gives the product considerably longer durability than conventional oil stain. Wood stain consistency makes it easy to apply. Dries quickly.

Recommended use

Can be used on new primed wood, impregnated or previously stained wood.

DEMIDEKK Translucent Stain is especially suitable for unplanned wood.

Product data

Packaging size	1 L (BASE 0,9 L) , 3 L (BASE 2.7 L) and 10 L (BASE 9 L)
Base availability	C and Yellow.
Tinting	Bases must be tinted using Jotun Multicolor. Bases must not be used unless tinted.
Colours	According to swatches. Colours and color nuances are very important in translucent systems. A wrong colour choice of a translucent stain is difficult to correct. Consequently, test applications are recommended on small timber samples, that can be placed at the different parts of the object that is going to be coated. Make a test coating on the primed wooden material to be treated (the base color of the wood will shine through and influence the final result). It should be observed how the colour and the shade appear during different light conditions. It must also be considered that a renovation coat on a previously stained substrate will result in a colour change. It is always recommended to make a test application.
Gloss level	Ca 40
Generic type	Alkyd and acrylic.
Solids	37 ± 2 volume%
Specific gravity	1,03 -1,05
VOC for Ready-for-Use Mixture	EU limit value for this product (cat. A/e): 130 g/l. This product contains max 50 g/l VOC.

Technical Data Sheet

DEMIDEKK Translucent Stain



Jotun Protects Property

Application data

Remarks

Contents of tins with different production numbers should be mixed. Stir well. Previous tar/mineral oil treatment and knots may cause discolouration/blistering of the topcoat. This is especially visible on white or light colours. Perform a test application. On substrates previously treated with products containing wax, adhesion problems may occur. Remember to coat end grain. Surfaces previously treated with linseed oil or stains containing linseed oil may cause blistering when further opaque stain/paint coatings are applied.

Application methods

Brush or roller and brush. Use a brush with synthetic fibres, developed for water-borne translucent stains. Apply the stain 1-2 board lengths at a time to reduce the risk of overlapping and uneven colour. This is because the stain dries quicker than ordinary oil stain. Work quickly and avoid spilling stain on the next board length. Brush out in the full length of the board to avoid mismatch in the overlap section. When working sideways/downwards on the facade it is recommended to brush along/close to the previous area to avoid overlap.

Guiding data for airless spray

Nozzle tip	0.38 mm (0.015")
Spray angle degrees	65°- 80°
Pressure at nozzle	15-18 MPa (150-180 kg/cm ²)

Spraying: For professional application only.

Conditions during application

The air and surface temperature must be above + 5 °C. Not to be used in direct sunshine. Do not apply stain if there is a risk of condensation or rain until the film is dry.

Spreading rate per coat

Recommended, sawn wood	7 - 9	m ² /l
Recommended, planed wood	13 - 15	m ² /l

Recommended film thickness per coat

Wet

Dry (calculated)

Recommended, sawn wood	43 - 55	µm
Recommended, planed wood	26 - 30	µm

Thinner

Shall not be thinned.

Dilution

Do not mix in oil additives.

Cleaning of painting tools

Water and a suitable cleaning agent.

Technical Data Sheet

DEMIDEKK Translucent Stain



Jotun Protects Property

Drying times

The drying time depends on the surface temperature (min. +5 °C), absorption, humidity and air circulation. High humidity and low temperature will prolong the drying process. If more than one coat is to be applied, this should be done within 14 days for best possible attachment between layers.

Relative Humidity (RH) 50 %

Air temperature	5 °C	15 °C	23 °C
Substrate temperature	5 °C	15 °C	23 °C
Dust dry	8 h	4 h	2 h
Dry to over coat, minimum	12 h	8 h	6 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. Previously treated wood should be cleaned using a suitable cleaning agent. Rinse well with fresh water. Remove loose stain/wooden fibres.

Glossy substrates should be matted down with a suitable cleaning agent (detergent) or sand paper before application of DEMIDEKK Translucent Stain to ensure sufficient adhesion. To reduce the risk of blisters caused by linseed oil, substrates previously treated with linseed oil or linseed oil stain must be cleaned to bare wood. The linseed oil is then washed off with JOTUN Kraftvask.

Pretreatment

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

For cabins with restricted access to water: It is recommended to wire brush previously stained substrates and brush off the surface with a stiff brush. Finish by washing thoroughly with clean water and a brush.

Primer

Apply 1 x VISIR Oljegrønning klar to all bare woodwork. The primer must be brushed out thoroughly. Apply 3-4 coats wet-on-wet to the end grains/cut surfaces.

Apply VISIR Oljegrønning klar as primer on new woodwork. Apply only VISIR Oljegrønning klar on bare and very porous substrates. The primer must be coated with the topcoat as soon as possible and no later than 1 month.

Topcoat

DEMIDEKK Translucent Stain. New, planed woodwork: 3 coats. Previously treated and new, unplanned/rough woodwork: 2 coats .

Stained woodwork: 1-2 coats. If required, the last coat can be applied later, but within 1 year of exposure. Visible brush marks may occur on planed wood due to the product's fast drying. The brush marks will be less visible when applying several coats. On heavily deteriorated substrates, a translucent stain is recommended as topcoat to achieve a more even result.

Remarks

For more information about wood panelling with unplanned edges / timber, contact Jotun Paints Europe Ltd.

Technical Data Sheet

DEMIDEKK Translucent Stain



Jotun Protects Property

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.

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.