

DEMIDEKK TRANSLUCENT WOOD STAIN

Water borne wood stain



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Demidekk Translucent Wood Stain is a water borne transparent treatment for exterior wood, based on a unique combination of alkyd/acrylic resins and reinforced with components blocking UV radiation. This offers better protection than the standard translucent stain products. Environmental friendly with low VOC emissions. Can be used on new woodwork, prepressure impregnated and previously painted wood. It contains film conserving agents combatting fungal growth. It flows well, is easy to apply and dries quickly. As primer on new woodwork, use Visir Clear Primer.

PHYSICAL DATA:

Type.....	Alkyd/Acrylic
Colour.....	From colour card, tintable on Jotun Multicolor system.
Gloss.....	
Viscosity.....	75-85 cP
Specific gravity.....	1,05
Solids by volume %.....	38%
Flash point, degrees centigrade.....	
Flexibility.....	
Hiding power (ISO 3905).....	
Water vapour permeability (ASTM D 1653).....	
Adhesion.....	
Adhesion (ISO 4624), dry.....	
Adhesion (ISO 4624), wet.....	
Adhesion (ISO 4624), after drying.....	
Particle size.....	
pH value.....	
pH value ready-mixed solution.....	
Weather resistance.....	
Gloss retention.....	
Water resistance.....	
Chemical resistance.....	
Solvent resistance.....	
Abrasion resistance.....	

RECOMMENDATION FOR USE:

Film thickness, dry.....	35 micrometres
Film thickness, wet.....	90 micrometres
Recommended spreading rate.....	7-9
Recommended spreading rate, sawn wood	7-9 m ² /l
Recommended spreading rate, planed wood	13-15 m ² /l
Application methods.....	Brush, spray or roller
Guiding data for airless spray:	
Nozzle.....	0,38 mm / 0,015"
Spray angle.....	65-80 degrees

Pressure at nozzle..... 15-18 MPa / 150-180 kg/cm²

Drying times, (guiding data at 23 deg. C, 50% R.H.):

Dust dry..... 2 hours

Dry to touch..... hours

Interval between coats..... 8 hours Drying times are generally related to air circulation, temperature, film thickness and number of coats, and will be affected correspondingly.

Dry to use.....

Reaction time..... hours

Thinner/cleaning agent..... Shall not be thinned / water

Mixing ratio.....

Pot-life..... hours

Conditions during application.....

Substrate.....

Drying time before sanding..... hours

Launching.....

SAFETY DATA:

A Material Safety Data Sheet has been issued for this product.

EU limits for the product (cat. A/e): 130 g/l (2010). The product contains max 50 g/l VOC.

FLAMMABILITY CLASSIFICATION:

Norway.....

Sweden.....

Denmark.....

MISCELLANEOUS:

Tinting..... Tintable using Jotun Multicolor system from C, Yellow and Red base.

Size of containers..... 0,9, 2,7 and 9 litres

Remarks..... Stirr well. Contents of tins with different batch numbers must be mixed to avoid possible colour differences. Previous treatments with products containing mineral oils or tar may cause discolouration of topcoats, especially on light colours. Do not paint if risk of condensation or rain. Woodwork previously coated with products containing wax might give adhesion problems. During application and drying temperature of substrate and air must be above + 5° C. It is essential to treat all end grains (3-4 coats wet-on-wet). Bases must not be used unless tinted on tinting machine. Do not add oils or other ingredients. Frost free storage and freight.

DIRECTIONS FOR USE:

PREPARATIONS:

Substrates must be sound, clean and dry condition before treatment.

New woodwork: Before or immediately after installation treat with a brush coat of Visir Clear Primer. Remember to treat all end grains (3-4 coats wet-on-wet). The established woodwork must be finally treated with the desired product as soon as possible and within 3 months at the latest.

Worn surfaces: Wash with a suitable detergent and wire brush to remove loose paint and wood fibres. Surfaces

with fungal growth must be washed with a suitable detergent and a suitable disinfectant.

Previously stained woodwork: After washing and wire brushing, apply one coat of Visir Clear Primer on bare and porous wood followed by 1-2 coats of Demidekk Translucent Wood Stain.

Use: Demidekk Translucent Wood Stain is especially developed for rough sawn wood. Distribute evenly and work 1-2 boards at a time. Work quickly and do not get stain on the neighbouring board due to its fast drying properties. Possible brush marks on planed wood reduces for each new layer. Use brush with synthetic fibres developed for water borne paints and stains.

New woodwork: Treat before or immediately after installation. Primed woodwork treated with 2 coats of Demidekk Translucent Wood Stain on rough sawn wood and 3 coats on planed wood. If necessary, the final layer can be postponed but no more than one year. Untreated wood left exposed for more than 4-6 weeks must be washed down and wire brushed.

Previously stained wood: 1-2 coats of Demidekk Translucent Wood Stain. If the surface is weather worn, a opaque system is recommended.

General: Substrates must be sound, clean and dry condition before treatment. To secure best adhesion, glossy substrates should be washed down and sanded down before applying the paint system. Wood previously treated with linseed oil or stains containing such must be wire brushed down to bare wood since old linseed oils may result in blistering. Brush out in the full length of the board to avoid discolouration in the overlap section. Oil and acid rich exotic hardwoods must first be clean using a suitable solven to remove the excess oils. After cleaning it is recommended to make a test application of the paint system.

The above information is given to the best of our knowledge based on laboratory tests and practical experience. However, as the product is often used under conditions beyond our control, we cannot guarantee anything but the quality of the product itself. We reserve the right to change the given data without notice.

Paint should be looked upon as a semi-manufacture. The result is dependent on construction, the condition of the substrate, pre-treatment, temperature, relative air humidity, application etc.
