

DEMIDEKK DECKING AND GARDEN STAIN



Water borne wood stain

02.2009

Demidekk Decking and Garden Stain is an alkyd, oil based, water-borne and pigmented special stain particularly suited for impregnated timber. It has excellent penetrating and water repellent properties, which prevents cracking of the timber. The product also contains pigments and a UV filter, which will protect the timber against degradation caused by light. It contains fungicides to combat fungus and algae growth.

PHYSICAL DATA:

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| Type..... | Based on water-borne alkyd oils. |
| Colour..... | Oxide yellow base, special colours to be tinted on Jotun Multicolor tinting system. |
| Gloss..... | |
| Viscosity..... | 23-25 sec. DIN 4 |
| Specific gravity..... | 0,99 - 1,01 |
| Solids by volume %..... | 22-25% |
| 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:

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| Film thickness, dry..... | |
| Film thickness, wet..... | |
| Recommended spreading rate..... | 6 - 10 m ² /litre |
| Recommended spreading rate, sawn wood..... | |
| Recommended spreading rate, planed wood..... | |
| Application methods..... | Brush or roller + brush combination |
| Guiding data for airless spray: | |
| Nozzle..... | |
| Spray angle..... | degrees |

Pressure at nozzle..... kg/cm²

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

Dust dry..... 4 hours
Dry to touch..... hours
Interval between coats..... hours

Dry to use..... Minimum 12 hours
Drying times are generally related to air circulation, temperature, film thickness and number of coats, and will be affected correspondingly.

Reaction time..... hours
Thinner/cleaning agent..... Water / soap and water
Mixing ratio.....
Pot-life..... hours
Conditions during application.....
Substrate.....
Drying time before sanding..... hours
Launching.....

SAFETY DATA:

Please observe the precautionary notices displayed on the container. Use under well ventilated conditions. Avoid skin contact. Wear gloves. If in contact, eyes should be well washed with water and medical advice sought. A EU limit value for this product (cat. A/e): 130 g/l (2010). This product contains max 60 g/l VOC. For detailed information on the health and safety hazards and precautions for use of this product, please refer to the Material and Safety Data sheet.

FLAMMABILITY CLASSIFICATION:

Norway.....
Sweden.....
Denmark.....

MISCELLANEOUS:

Tinting..... Special colours on Jotun Multicolor tinting system from oxide yellow base and clear base.
Size of containers..... 0.9 and 2.7 litres bases
Remarks..... Stir well before use. FROST-FREE FREIGHT AND STORAGE. Contents of tins with different batch numbers must be mixed before use to avoid colour deviations.

DIRECTIONS FOR USE:

RECOMMENDATIONS FOR USE

For use outdoors on impregnated timber decking, timber stairs or wooden garden furniture, where a translucent, non-film forming protection is required.

PREPARATION

Air, surface and paint temperature must be a minimum +5°C.

New impregnated timber:

The wood / timber should be in a sound, clean and dry condition before starting treatment. Recently impregnated wood / timber should be allowed to dry for 1-2 months, depending upon weather conditions.

Any exudations of cuprous salt (green crystals) to be previously removed using a stiff brush together with clean water (use a garden hose).

Apply Demidekk Decking and Garden Stain when the substrate is dry.

For an even result on decking, apply the product along the full length of 1 – 2 boards at a time.

Apply in one thin coat and wipe off any excess using a lint free cloth. NOTE Avoid brushing into half dry stain in order to avoid visible colour differences.

Demidekk Decking and Garden Stain is intended to penetrate the wood and should not be allowed to form a thick film on the surface.

Old / weatherworn timber:

The wood / timber must be in a clean and dry condition before starting treatment.

Remove any previous paints or varnishes using a sander or paint remover (following manufacturers instructions for use).

Jotun Wood Cleaner is recommended to clean the wood / timber and remove any residual contamination (see product Technical Data for use). NOTE Jotun Wood Cleaner will also brighten dark, discoloured timber. It is important to use clean water to rinse off the Wood Cleaner product.

Weathered or rough wood / timber, once clean, should be sanded to a sound, smooth surface and the dust removed.

Apply one, thin, even coat of Demidekk Decking and Garden Stain, removing any excess with a dry lint free cloth. NOTE Avoid brushing into half dry stain in order to avoid visible colour differences.

Demidekk Decking and Garden Stain is intended to penetrate the wood and should not be allowed to form a thick film on the surface.

General information:

Application to less absorbent surfaces eg. Siberian larch may result in reduced durability due to less penetration of the product into the wood.

Avoid application in strong sunshine, in humid weather and at low temperatures.

The stain must be allowed to dry completely before exposure to moisture – please check weather report before application.

Low temperatures will cause prolonged drying.

Low temperature at night during spring and autumn may cause condensation and will cause mattening of the stain.

It is recommended to clean the wood / timber annually, with a non-aggressive cleaner, to remove contamination and refresh the stain colour.

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.
