

DULUX WOODGARD EXTERIOR MARINE TIMBAVARNISH

TECHNICAL DATA SHEET

Version 1 – 2015 SEPTEMBER

THIS ISSUE SUPERSEDES ALL PREVIOUS PUBLICATIONS

PRODUCT DESCRIPTION

A UV resistant and water repellent varnish to keep your wood looking beautiful for longer

PRODUCT USES

- For use on all exterior timber where only the best quality varnish is required. Boats, Yachts, doors, fascia boards, window frames, fences, trellis, garden furniture, garage doors, shutters and other exterior wooden surfaces.

FEATURES AND BENEFITS

- Excellent durability.
- Good UV resistant and water repellent in extreme conditions.
- Suitable for all wood types.
- High-build characteristic for a smooth durable gloss surface.

PRODUCT INFORMATION

Appearance	Gloss
Colour	Clear only
Binder Type	Modified Alkyd with UV absorbers
Density at 23°C	Approx. 0.91
Solids Content	By weight: Approx. 53% By volume: Approx. 45%
Packaged Viscosity	Viscosity at 23°C: Approx. 50 – 80 sec/F4
Spreading Rate	Approx. 10m ² per litre per coat depending on surface porosity, profile and application method.
Recommended DFT per coat	Min. 25µm. Max. 35µm.
Recommended WFT per coat	Min. 55µm. Max. 80µm.
Flash Point	37°C

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APPLICATION INFORMATION

Mixing	Stir until homogeneous with a flat paddle.
Surface conditions	Surface Temperature between 10 - 35°C. Relative Humidity between 10 - 85 % OR 2°C above dew point minimum.
Application methods	Brush and Conventional Spray
Thinner	<u>Brush:</u> Apply in an even thickness and finish in the direction of the grain. Thin the first coat up to 10% with Mineral Turpentine to aid penetration on raw wood. Allow to dry overnight and sand lightly with 320 grit sandpaper. Apply second and third coat undiluted, sanding lightly between coats. <u>Conventional Spray:</u> Thin up to 10% with Mineral Turpentine. N.B. Thinning reduces volume solids; therefore more coats will be needed to produce the same colour, build, gloss and durability as for a brush application.
Drying Time	Touch dry 4 hours at 23°C.
Recoating Time	18 hours at 23°C. (Drying times will be extended during cold, wet or humid conditions.)
Cleaning of equipment	After use, remove as much product as possible, and then clean immediately with Dulux Brush Cleaner Degreaser or Mineral Turpentine.
Substrates	Boats, Yachts, doors, fascia boards, window frames, fences, trellis, garden furniture, garage doors, shutters and other exterior wooden surfaces.
Precautions:	Do not apply during cold (below 10°C) or wet weather or on to wet or damp wood. Drying times will be affected by weather conditions. Do not apply directly to bare metal surfaces – stop nail holes with wood filler. Ensure all sides of the wood, including joints and end-grain, are coated to prevent moisture from entering. N.B. Woodgard Exterior Marine Timbavarnish is not recommended for wooden decking or submersible surfaces.
Coats Required	For new work, apply three coats. Apply two coats for general maintenance of a surface previously varnished in good condition.

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SURFACE PREPARATION

Ensure that surfaces are sound and free from dust, oil, grease, dirt, and debris. Surfaces must be thoroughly dry - no more than 12% moisture content.

NEW SURFACES

- Sand down wood including the end grain to a smooth even surface finish using 100 -150 grit sandpaper, sanding in the direction of wood grain. Note: If nail holes or wood crevices need to be filled with wood filler then fill and allow drying and sand to a smooth finish as part of the final sanding.
- Remove dust with a clean lint free cloth dampened with water. Ensure that surface is now smooth, free from dust, dirt, grease, oil and mortar splatter. Surfaces must be thoroughly dry, no more than 12% moisture content.

PREVIOUSLY VARNISHED

- Sound varnish must be wiped down with mineral turpentine to remove any wax, oil or silicone. Lightly sand surface with 320 grit sandpaper. Remove dust. Wipe or rinse the surface with clean tap water.
- Varnish that is cracked and flaked must be stripped to bare wood either by sanding or by the use of a paint stripper. Sand any discoloured areas to fresh wood. Sand down wood including the end grain to a smooth even surface finish using 100 -150 grit sandpaper, sanding in the direction of wood grain. Note: If nail holes or wood crevices need to be filled with wood filler, then fill and allow drying and sand to a smooth finish as part of the final sanding.

PREVIOUSLY COATED WITH A WOOD TREATMENT THAT CONTAIN OIL OR WAX

- It is not recommended to varnish wood previously coated with a treatment containing oil or wax.
- Strip completely using a paint stripper. Sand down until all traces of previous treatment and discoloured wood have been removed
- Always sand in the direction of the grain. Remove dust. Wipe surface with cloth dampened with mineral turpentine.

PREVIOUSLY PAINTED SURFACES

- Strip completely using a paint stripper. Sand down until all traces of previous treatment and discoloured wood have been removed. Always sand in the direction of the grain. Remove dust. Wipe surface with cloth dampened with mineral turpentine.

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HEALTH AND SAFETY INFORMATION

This product contains no added lead. Avoid contact with skin or eyes. Keep out of reach of children. If accidentally swallowed, seek medical advice immediately and show this container to the doctor. Dry sanding, flame cutting and/or welding of the dry paint film will give rise to dust and/or hazardous fumes.

If exposure cannot be avoided by the provision of local exhaust ventilation, suitable respiratory protective equipment should be used. Do not empty into drains or watercourses. Ensure good ventilation during application and drying. It is recommended to use suitable protective clothing and equipment. To avoid the risk of spillage, always store and transport containers in a secure upright position. Refer to Material Safety Data Sheet for complete information.

ADDITIONAL INFORMATION

Packaging	1lt, 5Lt
Storage Conditions	Store under cool dry well-ventilated conditions, below 25°C, away from direct sunlight, heat and extreme cold.
Disclaimers	Colour swatch references are as accurate as modern printing will allow. For best colour and sheen consistency, it is advisable to use containers from the same batch number. In the case of different batch containers it is recommended that they be mixed together in a large container before use. Woodgard colours are translucent to allow the natural beauty of wood grain to show through, the original colour of the wood will impact the final finishing colour. The AkzoNobel Logo, the Flourish, the Dulux logo, the Woodgard logo, the Planet Possible logo, Dulux and Woodgard are all trademarks of the AkzoNobel group © AkzoNobel 2015.

TDS STANDARD DISCLAIMER

The recommendations contained herein are given in good faith and meant to guide the specifier or user in accordance with good painting practices. They are gained from our tests and experiences and are believed to be accurate and reliable. No warranty/guarantee is implied by the recommendations contained herein since the conditions of use; application method, substrate and cleanliness of the substrate are beyond Dulux control.

Important Note; Technology may change with time, necessitating changes to this Technical Data Sheet (TDS).

It is the responsibility of the user to ensure that the latest TDS is being used for reference. Dulux Technical Data Sheets are available on our website www.dulux.co.za or please contact: Dulux On-Line on 0860 330 111. Email ZA.Help@akzonobel.com

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