

DULUX WOODGARD FLOORGARD

TECHNICAL DATA SHEET

Version 2 – 2020 MARCH

THIS ISSUE SUPERSEDES ALL PREVIOUS PUBLICATIONS

PRODUCT DESCRIPTION

A scratch resistant, water-based polyurethane floor varnish for interior use.

PRODUCT USES

- As a finish for all types of interior wooden flooring where a hardwearing, slip resistant coating is required.
- Also recommended as an interior finish for wooden skirting boards, doors and other interior surfaces where scratch and mar resistant clear coat, that is non-yellowing is required.

FEATURES AND BENEFITS

- Floorgard with diamond tough technology dries to an extremely hard abrasion-resistant finish, which resists scratch marks.
- A non-yellowing crystal clear sealer for wooden floors and interior wood work.
- A low odour varnish with excellent flow properties.
- Floorgard represents the practical way of finishing interior wooden floors and woodwork.
- It is a time and money saver. Easy to clean, makes polishing obsolete.
- Dries to a beautiful gloss finish - looks and feels like a waxed surface and highlights the natural grain.
- Resists household cleaning materials and beverage stains.
- Easy clean up – use water and soap.

PRODUCT INFORMATION

Appearance	Gloss
Colour	Clear only. The product will look milky when being applied, but it will dry to a clear film.
Binder Type	Acrylic Polyurethane
Density at 23°C	Approx. 1.01
Solids Content	By weight: Approx. 30% By volume: Approx. 28.6%
Packaged Viscosity	Viscosity at 23°C: Approx. 45 sec/BSB4
Spreading Rate	Approx. 10m ² per litre depending on surface porosity, profile and application method.
Recommended DFT per coat	Min. 20µm. Max. 30µm.
Recommended WFT per coat	Min. 70µm. Max. 105µm.
Flash Point	Non-flammable.

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APPLICATION INFORMATION

Mixing	Stir until homogeneous with a flat paddle before use.
Surface conditions	Surface Temperature between 10 - 35°C. Relative Humidity between 10 - 85 % OR 2°C above dew point minimum.
Application methods	Brush, roller (short-nap mohair or foam).
Thinner	Thinning not recommended. Ready for use after thorough stirring.
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 water.
Substrates	Suitable for application to correctly prepared wooden floors, skirting boards, doors and other interior surfaces where a high resistance to traffic is required.
Precautions:	<p>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. Complete cure is reached after 5 days at 23°C and 60% humidity.</p> <p>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.</p> <p>N.B. Woodgard Floorgard is not recommended for decking.</p> <p>Do not apply during wet weather. This could turn the Woodgard Floorgard to become milky, and in extreme cases, white.</p> <p>Do not smoke and avoid inhaling the fumes of Woodgard Floorgard.</p>
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 all surfaces to be coated are sound, clean, dry and free from sawdust, oil, grease, dirt, debris and loose or flaking material after surface preparation. Surfaces must be thoroughly dry - no more than 12% moisture content.

NEW SURFACES

- Sand the wood with the grain, to eliminate damage to the surface using 150-180 grit sandpaper to a smooth finish. Remove sanding dust from surface with a dry clean cloth or paintbrush for best results vacuum the wood to remove dust.
- It is advisable to apply a "test piece" to new parquet floors which have been bonded with bitumen, to ensure that the **Woodgard Floorgard** will harden.
- Apply first coats of **Woodgard Floorgard** and allow drying for 18 hours.
- Lightly sand to a smooth finish, remove sanding dust and then apply a further two coats of **Woodgard Floorgard**

PREVIOUSLY COATED WOOD IN A GOOD CONDITION, VARNISHED OR WOODGARD WATER-BASED FLOORGARD APPLICATIONS:

- Sand lightly with fine sandpaper, steel wool or fine abrasive pad to a matt finish. Remove sanding dust from surface with a dry clean cloth or paintbrush for best results vacuum the wood to remove dust.
- It is recommended that a small test area be coated onto old varnish, before coating the whole area to test compatibility. Poor adhesion or compatibility results will require complete removal of all coats applied, back to raw wood.
- Apply two to three coats of **Woodgard Floorgard**

PREVIOUSLY PAINTED, VARNISHED SURFACES IN POOR CONDITION OR WOOD TREATMENTS CONTAINING OIL OR WAX IN ANY CONDITION:

- Remove wax or polish by power sanding or suitable chemical treatment. It is not sufficient to just wash the wooden floors with paraffin, as any residual polish will interfere with the adhesion of **Woodgard Floorgard**.
- Treat wood with suitable WOOD STRIPPER to remove old coatings back to bare wood, wash down with water to neutralise the stripping process and allow drying. Sand as per new wood
- Apply first coats of **Woodgard Floorgard** and allow drying for 18 hours.
- Lightly sand to a smooth finish, remove sanding dust and then apply a further two coats of **Woodgard Floorgard**

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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	5Lt
Storage Conditions	Store under cool dry well-ventilated conditions, below 25°C, away from direct sunlight, heat and extreme cold.
Disclaimers	<p>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.</p> <p>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.</p> <p>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.</p>

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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