

DULUX WOOD PRIMER

TECHNICAL DATA SHEET

Version 2 – 2019 OCTOBER

THIS ISSUE SUPERSEDES ALL PREVIOUS PUBLICATIONS

PRODUCT DESCRIPTION

An oil-based primer for interior and exterior wooden surfaces

PRODUCT USES

- Primer for new interior and exterior wooden surfaces including chip board surfaces.
- Provides excellent adhesion for subsequent overcoating with undercoat and gloss topcoats.

FEATURES AND BENEFITS

- Controlled penetration and sealing ensures maximum protection for all timber surfaces.
- Long term flexibility to accommodate movement in the timber substrate.
- Economical to use and easy to apply.
- Excellent flow properties and good spreading rate.

PRODUCT INFORMATION

Appearance	Matt
Colour	Pink
Binder Type	Oleoresinous
Density at 23°C	Approx. 1.44
Solids Content	By weight: Approx. 74% By volume: Approx. 59%
Packaged Viscosity	Viscosity at 23°C: Approx. 70 KU
Spreading Rate	Approx. 10m ² - 13 m ² per litre depending on surface porosity, profile and application method
Recommended DFT per coat	Min. 35 µm. Max. 45 µm
Recommended WFT per coat	Min. 50 µm. Max. 100 µm
Flash Point	37°C

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APPLICATION INFORMATION

Mixing	Stir until homogeneous with a flat paddle
Application Surface conditions	Surface Temperature between 10 - 35°C Relative Humidity between 10 - 85 % OR 2°C above dew point minimum.
Application methods	Brush or short nap roller.
Thinner	Thinning not recommended. Ready for use after thorough stirring.
Drying Time	Touch dry 6 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	Suitable for all correctly prepared wooden surfaces.
Precautions:	Do not apply during cold (below 10°C) or wet weather. Only suitable as a primer for wood. Not designed to withstand natural weathering. It should be recoated in 2 to 3 days. If left uncoated for extended periods, sanding will be required before application of the topcoat. Dulux Wood Primer is not recommended for use on highly resinous timber.
Coats Required	New work 1 coat, a 2 nd coat may be required on very absorbent surfaces.
Top Coating	Over coated Dulux Wood Primer with one coat Dulux Universal Undercoat . Can be top coated with most Dulux decorative finishes.

SURFACE PREPARATION

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

For best paint system performance follow **Dulux Wood Primer** with **Dulux Universal Undercoat** before applying the selected decorative finishing coat.

New Wood

- Timber treated with a wood borer or fire-retardant treatment may cause slow drying (consult supplier).
- Sand wood in the direction of the wood grain to a smooth finish. Dust off thoroughly.
- Treat knots in timber with Knotting Agent.
- Spot prime nail heads with **Dulux Steel Primer**.

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SURFACE PREPARATION

New Wood - Continue

- Repair damaged wood with a suitable wood filler.
- Special attention must be given to painting the end grain to avoid moisture penetration - apply a second coat after 10 - 20 minutes.

PREVIOUSLY PAINTED / TREATED SURFACES

Painted and Varnished Surfaces

- Loose and flaking paint / varnish must be completely removed by scaping and sanding taking care to feather the edges on the sound paint / varnish.
- Sound paint /varnished need to be sanded to a matt finish to aid with adhesion and to produce a sound surface for painting. Dust off thoroughly.
- Inspect all metal brackets, bolts and screws and replace if rusted. Spot prime all bare metal using the appropriate primer before applying **Dulux Wood Primer** to the exposed wood areas.
- Build up **Dulux Wood Primer** spot-primed areas with **Dulux Universal Undercoat** to the same level as the rest of the paintwork.

Oiled wood and wood preservative treated wood

- Sand wood in the direction of the grain back to the original bare wood, remove sanding dust.
- Clean with a lint free cloth dampened with mineral turpentine. Multiple wipes may be required to remove surface oils and waxy residue.

FILLING

Fill all imperfections with the appropriate Dulux filler and spot prime filled areas with **Dulux Wood Primer** once the crack filler has dried properly. Failure to do this will result in uneven sheen levels between the repaired and normal areas.

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. Wet sanding should be used wherever possible.

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.

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ADDITIONAL INFORMATION

Packaging	1lt, 5Lt
Storage Conditions	Store under cool dry conditions away from direct sunlight, heat and extreme cold.
Disclaimers	N/A product specific

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.Helpline@akzonobel.com

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