

DULUX PLASTER PRIMER

TECHNICAL DATA SHEET

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THIS ISSUE SUPERSEDES ALL PREVIOUS PUBLICATIONS

PRODUCT DESCRIPTION

A solvent based primer for new dry interior and exterior porous surfaces.

PRODUCT USES

- Interior and Exterior primer for porous alkaline surfaces such as brick, concrete, cement plaster and fibre cement.
- Excellent sealer for smooth dry interior gypsum plaster and all types of composite boarding.

FEATURES AND BENEFITS

- Versatile high solids plaster primer.
- Pigmented white - time saving when top coating.
- Combines good alkali resistance with excellent sealing properties.
- Serves as a sealer and primer.
- Provides good substrate adhesion, can be over-coated with solvent-based and water-based Undercoats and Decorative Topcoats.

PRODUCT INFORMATION

Appearance	Matt
Colour	White
Binder Type	Modified Alkyd
Density at 23°C	Approx. 1.57
Solids Content	By weight: Approx. 77% By volume: Approx. 55%
Packaged Viscosity	Viscosity at 23°C: Approx. 75 KU
Spreading Rate	Approx. 9m ² -11m ² per litre depending on surface porosity, profile and application method
Recommended DFT per coat	Min. 45µm. Max. 55µm.
Recommended WFT per coat	Min. 80 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, roller or spray application
Thinner	Thinning not recommended. Ready for use after thorough stirring for brush and roller applications. Mineral Turpentine if required for spraying to maximum of 5 - 10% of product volume.
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	Correctly prepared cement plaster, gypsum plaster, brick concrete, fibre cement and composite boarding.
Precautions:	Do not apply during cold (below 10°C) or wet weather. Not suitable as a primer for metal surfaces. Polystyrene products e.g. cornice & mouldings should not be primed with Dulux Plaster Primer . Prime with 1 coat Dulux Supergrip which is water based, 2 coats required if a non-solvent free enamel topcoat will be applied. Not suitable for direct application to powdery or friable surfaces whether previously painted or not. 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.
Coats Required	New work 1 coat, a 2 nd coat may be required on very absorbent surfaces
Top Coating	Can be over coated with most Dulux decorative finishes.

SURFACE PREPARATION

Ensure that surfaces are sound and free from dust, oil, grease, dirt, and debris. Remove whatever powdery residues can be brushed off with a stiff brush. Surfaces must be thoroughly dry - no more than 12% moisture content.

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SURFACE PREPARATION

NEW SURFACES

Cement Plaster (non-friable), Gypsum Plaster (non-friable), Composite Boarding and Fibre Cement

- Fresh cement plaster should be allowed one week drying for every 5mm thickness; and longer in cold or damp weather.
- For very absorbent surfaces such as gypsum plaster more than one coat **Dulux Plaster Primer** could be required to achieve correct binding and sealing properties.

Concrete

- Remove any uncured cement, grease, and mould-release agents by high-pressure water blast, or wash with a strong sugar soap/water solution. Rinse off thoroughly with clean water and allow drying.

PREVIOUSLY PAINTED SURFACES

Old Paint in Poor Condition

- Completely remove all loose and flaking paint.
- Remove oil, grease dirt or any other contaminants with **Dulux Sugar Soap**/water solution and allow drying.
- Friable surfaces must be removed and repaired.
- Chalked surfaces must be thoroughly brushed or prepared with high pressure water cleaning. NOTE: While this product can be used for sealing exterior chalked or slightly friable surfaces, will it not penetrate thick layers of powdery material. **Dulux Bonding Liquid**, which is un-pigmented, is preferred as it has the ability to penetrate further into the surface.
- Mould instructions. To kill lichen and algae growth, scrub with one of the following solutions: either 4:1 water/chlorine, or 4:1 water/sodium hypochlorite. Ensure that the areas are completely saturated, and allow the solution to react for a minimum of 4 hours. Rinse the complete wall surface thoroughly with clean water and allow drying.
- Prime all exposed areas. For very absorbent surfaces more than one coat **Dulux Plaster Primer** could be required to achieve correct binding and sealing properties.

FILLING

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

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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 conditions away from direct sunlight, heat and extreme cold.
Disclaimers	Colour references are as accurate as printing will allow. For best colour and sheen consistency, it is advisable to use containers of the same batch number, or to mix different batches together in a large container, or to finish in a corner before starting a new container.

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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