

DULUX TRADE PLASTER PRIMER MOISTURE TOLERANT

TECHNICAL DATA SHEET

Version 2 – 2018 JANUARY

THIS ISSUE SUPERSEDES ALL PREVIOUS PUBLICATIONS

PRODUCT DESCRIPTION

Designed for early priming of newly plastered walls.

PRODUCT USES

- Recommended for use as a primer for new interior and exterior plastered walls.
- Also suitable for coating surfaces such as brick, concrete and other masonry surfaces.

FEATURES AND BENEFITS

- Tolerates moisture of up to 30%, allowing early priming of newly plastered walls.
- For interior and exterior use.
- Can be over coated with decorative water based and solvent based topcoats.
- Protects the topcoat from alkali attack.

PRODUCT INFORMATION

Appearance	Matt
Colour	White
Binder Type	Styrenated Acrylic
Density at 23°C	Approx. 1.27
Solids Content	By weight: Approx. 52% By volume: Approx. 29%
Packaged Viscosity	Viscosity at 23°C: Approx. 70 KU
Spreading Rate	Approx. 7m ² - 8m ² per litre depending on surface porosity, profile and application method.
Recommended DFT per coat	Min. 25µm. Max. 35µm.
Recommended WFT per coat	Min. 120µm. Max. 140µm
Flash Point	37°C

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 and Roller. Brush is preferred to work the material well into the surface.

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APPLICATION INFORMATION

Thinner	Thinning not recommended. Ready for use after thorough stirring.
Drying Time	Touch dry 2 hours at 23°C.
Recoating Time	Min: 18 hours. Max: 14 days 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 Pre-Paint Brush Cleaner Degreaser or Mineral Turpentine.
Substrates	Suitable for cement plaster, concrete, fibre cement and other masonry surfaces.
Precautions:	<p>All surfaces must be sound, clean and as dry as possible – 12% or below required for previously painted surfaces no more than 30% moisture content when used for early priming of new masonry surfaces.</p> <p>Do not apply during cold (below 10°C) or wet weather.</p> <p>Not suitable as a primer for metal surfaces.</p> <p>Polystyrene products e.g. cornice & mouldings should not be primed with Dulux Trade 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.</p> <p>Not suitable for direct application to powdery or friable surfaces whether previously painted or not.</p> <p>Not designed to withstand natural weathering. It should be over coated in 14 days.</p>
Coats Required	Apply a single coat. It is essential to work the material well into the surface. A 2nd coat may be required on very absorbent surfaces to achieve a minimum continuous film of 25µm microns.
Top Coating	<p>Can be over coated with most Dulux decorative finishes.</p> <p>N.B. Whilst Dulux Trade Plaster Primer is tolerant up to 30% moisture content on new plaster, the topcoat in use may not be. Typical enamels and high quality water-based products are only suited for walls with up to 12% moisture. Therefore, after application of Dulux Trade Plaster Primer, ensure that the topcoat is applied at the correct topcoat moisture level (refer to relevant Technical Data sheets for more specific information).</p> <p>If further drying is required before topcoat application, Dulux Trade Plaster Primer can be left uncoated for up to 14 days.</p>

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SURFACE PREPARATION

Plaster sand should comply with SABS 1090 requirements. Plaster mix must be applied at a minimum thickness of 10mm, curing to a hard and sound finish, free of soft and friable material. MPA strength must comply with SABS 0164-1 (10MPa=2, 6:1 and 5MPa=4:1).

Ensure that surfaces are sound and free from dust, oil, grease, dirt, and debris. Surfaces must be thoroughly dry.

NEW SURFACES

Cement Plaster (non-friable), Fibre Cement and other Masonry: moisture content of 30% or below

- Fresh cement plaster should be allowed one week drying for every 5mm thickness; and longer in cold or damp weather.
- Spot-prime metal strips and nail heads with appropriate metal primer.
- For very absorbent surfaces more than one coat **Dulux Trade Plaster Primer** could be required to achieve correct binding and sealing properties.

Concrete: moisture content of 30% or below

- Remove any uncured cement, grease, and mould-release agents by high-pressure water blast, or wash with **Dulux Pre-Paint Sugar Soap**. Rinse off thoroughly with clean water and allow drying to at least 30% moisture before application.

PREVIOUSLY PAINTED SURFACES

Old Paint in Poor Condition, with a moisture content of 12% or below

- Completely remove all loose and flaking paint.
- Remove oil, grease dirt or any other contaminants with **Dulux Pre-Paint 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 Trade 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 Trade Plaster Primer** could be required to achieve correct binding and sealing properties.

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FILLING

Fill all imperfections with the appropriate **Dulux Pre-Paint filler** and spot prime filled areas with **Dulux Trade 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.

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.

ADDITIONAL INFORMATION

Packaging	5Lt, 20Lt
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.duluxtrade.co.za or please contact: Dulux On-Line on 0860 330 111. Email ZA.Helpline@akzonobel.com

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