

DULUX TRADE FILLER COAT

TECHNICAL DATA SHEET

Version 3 – 2021 JUNE

THIS ISSUE SUPERSEDES ALL PREVIOUS PUBLICATIONS

PRODUCT DESCRIPTION

Top quality acrylic filler coat for interior and exterior use.

PRODUCT USES

- Gives a perfect finish to newly plastered walls and ceiling boards.

FEATURES AND BENEFITS

- For interior and exterior use.
- Fills and smooths out minor plaster defects.
- Improves the appearance of premium topcoats by creating a smooth base of even porosity.
- Quick drying - topcoats can be applied during the same day.
- Easy to apply by brush and roller.

PRODUCT INFORMATION

Appearance	Matt
Colour	White
Binder Type	Styrene Acrylic
Density at 23°C	Approx. 1.37
Solids Content	By weight: Approx. 48% By volume: Approx. 29%
Packaged Viscosity	Viscosity at 23°C: Approx. 100 KU
Spreading Rate	Approx. 6m ² - 8m ² per litre depending on surface porosity, profile and application method.
Recommended DFT per coat	Min. 40µm. Max. 50µm.
Recommended WFT per coat	Min. 125µm. Max. 160µm.
Flash Point	Non-flammable.

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 airless spray.

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APPLICATION INFORMATION

Thinner	Thinning not recommended. Ready for use after thorough stirring.
Drying Time	Touch dry 30 minutes at 23°C.
Recoating Time	4 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 cement plaster, gypsum plaster, concrete, fibre cement, ceiling boards and all types of composite boarding.
Precautions:	Do not apply during cold (below 10°C) or wet weather. Do not apply directly to bare metal surfaces. Not suitable for direct application to powdery or friable surfaces whether previously painted or not. Do not clean surface within 7 days of applying
Coats Required	Apply one or two coats depending on the degree of filling required.
Top Coating	Can be over coated with most Dulux decorative finishes.

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 - no more than 12% moisture content.

NEW SURFACES

Cement Plaster (non-friable) and Fibre Cement

- Fresh cement plaster should be allowed 1 week drying for every 5mm thickness; and longer in cold or damp weather.
- Spot-prime metal strips and nail heads with the appropriate metal primer.
- For very absorbent surfaces more than one coat one coat **Dulux Trade Alkali Resistant Primer** or **Dulux Trade Plaster Primer** or **Dulux Plaster Primer** could be required to achieve correct binding and sealing properties.

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SURFACE PREPARATION

NEW SURFACES

Composite Boarding

- Spot-prime metal strips and nail heads with the appropriate metal primer.
- For very absorbent surfaces more than one coat one coat **Dulux Trade Alkali Resistant Primer** or **Dulux Plaster Primer** could be required to achieve correct binding and sealing properties.

Gypsum Plaster - Interior

- Newly applied Gypsum Plaster can present variable surface finishes based on the application method, the quality and type of gypsum plaster used. This can present variability in the finish of the applied gypsum in terms of surface hardness, texture and porosity. This may require added attention during priming.
- Ensure the gypsum plaster is sound, non-friable, applied and cured as per the manufacturers specifications.
- After wiping down the gypsum plaster, no chalky powder should remain on the surface.
- If the gypsum is sound, apply a single coat **Dulux Trade Alkali Resistant Primer** or **Dulux Plaster Primer**.
- As gypsum plaster is a very porous surface, adsorption of the plaster primer may occur. To test for this, wipe a black cloth over the dried **Dulux Trade Alkali Resistant Primer** or **Dulux Plaster Primer** to test its integrity. If a white residue is found on the back of the cloth, apply 1 to 2 further coats of the respective **Dulux Trade Alkali Resistant Primer** or **Dulux Plaster Primer** applied, to achieve the correct binding and sealing properties.

Concrete

- Ensure that concrete is fully cured and sound. Remove any uncured cement, grease, and mould release agents by high-pressure water blast, or wash with a strong solution of **Dulux Pre-Paint Sugar Soap**. Rinse off thoroughly with clean water and allow drying.
- For best paint system performance prime with one full coat **Dulux Trade Alkali Resistant Primer** or **Dulux Trade Plaster Primer** or **Dulux Plaster Primer**.

FILLING

Fill all imperfections with the appropriate **Dulux Pre-Paint filler** and spot prime filled areas with **Dulux Trade Alkali Resistant 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. 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	Colour swatch references are as accurate as modern printing will allow.

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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