

DULUX TRADE SMOOTH RIPPLE

TECHNICAL DATA SHEET

Version 1 – 2018 FEBRUARY

THIS ISSUE SUPERSEDES ALL PREVIOUS PUBLICATIONS

PRODUCT DESCRIPTION

Smooth, washable paint with a rippled finish for interior and exterior plaster and concrete walls.

PRODUCT USES

- An interior or exterior wall coating with excellent obliteration properties.
- Useful for converting uneven concrete surfaces to an even, grit-free, smooth textured finish.
- Particularly suitable for wall areas where there is heavy traffic, e.g. corridors, alleys, etc.
- Imparts a hardwearing abrasion resistant finish that can be over coated with **Dulux Trade Glazecoat** for higher gloss.

FEATURES AND BENEFITS

- For interior and exterior use.
- High build, one coat cover.
- Water-based, therefore low odour.
- Non-yellowing.
- Smooth, silky ripple finish without aggregate.
- Excellent interior washability

PRODUCT INFORMATION

Appearance	Sheen
Colour	White only
Binder Type	Pure Acrylic
Density at 23°C	Approx. 1.39
Solids Content	By weight: Approx. 58% By volume: Approx. 42%
Packaged Viscosity	Viscosity at 23°C: Approx. 125 KU
Spreading Rate	Approx. 2m ² per litre depending on surface porosity, profile and application method
Recommended DFT per coat	Min. 210µm. Max. 220µm
Recommended WFT per coat	Min. 500µm. Max. 530µm
Flash Point	Non-flammable

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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	<p>Ready for use with lambs-wool roller, followed by foam roller. It is recommended that two painters work together on the same area - finishing one wall from corner to corner without a break:</p> <p>STEP 1: Lay on with lambs-wool roller. Allow wet film to flash-off for one to two minutes.</p> <p>STEP 2: Lay off by running a foam roller once lightly over the surface in an upwards direction.</p> <p>Do not apply any pressure as foam rollers tend to push air into the coating and cause air bubbles.</p> <p>Special effects can also be obtained by combing the finish or texturing with brushes before the film has dried.</p>
Thinner	Thinning not recommended. Ready for use after thorough stirring.
Drying Time	<p>Touch dry 4 hours at 23°C.</p> <p>Full hardness: 1 to 2 days.</p>
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 cement plaster, gypsum plaster, composite boarding, concrete, fibre cement ceiling boards and wooden surfaces provided that appropriate preparation and priming is carried out.
Precautions	<p>Do not apply during cold (below 10°C) or wet weather.</p> <p>Do not apply directly to bare metal surfaces.</p> <p>Essentially a wall coating. For areas subject to continual Handling/soiling, e.g. cupboards and door frames, use Dulux Trade Eggshell Enamel Dulux Trade 100 Gloss Enamel, Trade Pearl glo Non-Drip Enamel or Dulux Water Based Pearl glo</p> <p>Not suitable for direct application to powdery or friable surfaces whether previously painted or not.</p> <p>Not suitable for use in kitchen and bathrooms. Do not clean surface within 7 days of applying</p>

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APPLICATION INFORMATION

Coats Required	<p>One coat is usually sufficient to achieve continuous closed film and solid colour.</p> <p>Dulux Trade Glaze Coat: Dulux Trade Smooth Ripple can be over-coated with a clear sealer (Dulux Trade Glaze Coat) to impart a glossy appearance.</p> <p>For a tinted colour finish, overcoat with appropriate water-based decorative paint. Apply two to three coats to achieve a closed film and solid colour.</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 - 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 **Dulux Trade Alkali Resistant Primer** or **Dulux Trade Plaster Primer** or **Dulux Plaster Primer** could be required to achieve correct binding and sealing properties.

Composite Boarding

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

Gypsum Plaster (non-friable)

- Ensure the gypsum plaster is sound and non-friable and cured as per the manufactured of the gypsum plaster specifications.
- Apply one coat **Dulux Trade Alkali Resistant Primer** or **Dulux Plaster Primer**. Very absorbent gypsum plaster could require more primer coats to achieve correct binding and sealing properties.

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SURFACE PREPARATION

NEW SURFACES

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**.

Wooden Surfaces

- Timber treated with borer- or fire retardant may cause slow drying (consult supplier).
- Treat knots in timber with Knotting Agent.
- Spot prime nail heads with **Dulux Trade Steel Primer** or **Dulux Steel Primer**.
- Special attention must be given to painting the end grain to avoid moisture penetration - apply a second coat after 10 - 20 minutes.
- Prime with one coat **Dulux Wood Primer**. Two coats may be required for very absorbent wood. Alternatively, timber surfaces can be primed with **Dulux Supergrip** to support a water based paint system.
- For best paint system performance follow **Dulux Wood Primer** with **Dulux Trade Universal Undercoat** or **Dulux Universal Undercoat** before applying the selected finishing coat.

PREVIOUSLY PAINTED SURFACES

Good Condition, not powdery

- Remove any loose and flaking paint back to a sound substrate and firm edges by scraping and sanding.
- Clean surfaces with **Dulux Pre-Paint Sugar Soap** /water solution to remove all surface contaminants and chalky residue, rinse with clean water to remove all traces of the **Dulux Pre-Paint Sugar Soap** treatment and allow drying out. For exterior application high pressure water jet cleaning can be used as an alternative to the **Dulux Pre-Paint Sugar Soap** treatment.
- Spot prime bare exposed substrates with appropriate primer.
- Enamel surfaces need to be sanded to a matt finish to aid adhesion before commencing with the **Dulux Pre-Paint Sugar Soap** /water solution treatment. Apply a coat of **Dulux Trade Universal Undercoat** or **Dulux Universal Undercoat**.

Old Paint in Poor Condition

- 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.

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SURFACE PREPARATION

PREVIOUSLY PAINTED SURFACES

Old Paint in Poor Condition - Continue

- Friable surfaces must be removed and repaired.
- 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 with appropriate primer as for new surfaces.
- 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, it will not penetrate thick layers of powdery material. **Dulux Trade Bonding Liquid** or **Dulux Bonding Liquid**, which is un-pigmented, is preferred.

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.

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	5Lt, 20Lt
Storage Conditions	Store under cool dry conditions away from direct sunlight, heat and extreme cold.
Disclaimers	Colour references are as accurate as modern printing will allow. Among others, the following factors may affect final colour appearance: product sheen and texture, colour and light reflections, application, surface texture and preparation. For best colour and sheen consistency, it is advisable to use containers of the same batch number, 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.duluxtrade.co.za or please contact: Dulux On-Line on 0860 330 111. Email ZA.Helpline@akzonobel.com

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