

DULUX EASYCARE

TECHNICAL DATA SHEET

Version 2 – 2019 MAY

THIS ISSUE SUPERSEDES ALL PREVIOUS PUBLICATIONS

PRODUCT DESCRIPTION

Dulux EasyCare Washable & Tough with Stain Resist, stain-repellent technology frees you from the worry that the wear and tear of everyday life will damage the look of your home.

This exceptionally tough and ultra-washable, ultra matt interior paint repels common water-based spills, making them easy to wash away. 20x tougher than conventional interior paints. Common household stains can be removed without damaging the paint*, keeping your home looking great for longer.

Its great coverage creates an exceptionally tough protective barrier, making wiping away stains child's play.

***Based on research**

PRODUCT USES

- For all interior walls and ceilings that require a luxurious, longer-lasting ultra-washable ultra-matt finish.

FEATURES AND BENEFITS

- Washable & Tough
- Stain Resist Technology - Supreme Stain Resistance - Repels Water Based Spills like Coffee, Wine, Tomato Sauce, Non-Permanent Marker, Orange Juice and Mud
- Longer lasting and scuff resistant
- Hides plaster imperfections.
- Low odour – rapid room re-entry.
- Easy to clean - Wipes clean without shiny patches.
- Superior coverage.
- Ultra-Washable (complies with Class 1 scrub resistance).

PRODUCT INFORMATION

Appearance	Matt
Colour	White, a range of ready-mixed colours, and colours from the Dulux Colour System in the Pastel Base 7, Medium Base 8, Deep Base 9 and U/Deep Base 6
Binder Type	Pure Acrylic
Density at 23°C	Approx. 1.35
Solids Content	By weight: Approx. 57% By volume: Approx. 41%
Packaged Viscosity	Viscosity at 23°C: Approx. 100 KU

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PRODUCT INFORMATION

Spreading Rate	Approx. 8m ² -10m ² per litre depending on surface porosity, profile and application method.
Recommended DFT per coat	Min. 40µm. Max. 50µm.
Recommended WFT per coat	Min. 100µm. Max. 125µm.
Flash Point	Non-flammable.

APPLICATION INFORMATION

Mixing	Paint - 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 Airless Spray: A typical set up for airless spray would be a minimum working pressure on paint of 133 bars (2000lb/sq in) with a spray tip size 0.38mm (15 thou) and a spray tip angle of 65°.
Thinner	Thinning not recommended. Ready for use after thorough stirring for brush and roller applications. Water if required for spraying to maximum of 5 - 10% of product volume. Thinning reduces the opacity and will require added coats.
Drying Time	Touch dry 60 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 unglazed bricks, fibre cement, various composite boards, metal and wooden surfaces provided that appropriate preparation and priming is carried out.
Precautions	Do not apply during cold (below 10°C) or wet weather. Do not apply directly to substrate without priming. Not suitable for direct application to powdery or friable surfaces whether previously painted or not. Not suitable for use in kitchen and bathrooms. Only clean the surface after 7 days of applying using non-abrasive cleaning agents and cloths.
Coats Required	Apply two to three finishing coats to new surfaces to achieve a continuous closed film and solid colour.

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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, rust, and debris.

Surfaces must be thoroughly dry - no more than 12% moisture content.

NEW SURFACES

Cement Plaster (non-friable), Fibre Cement & Unglazed Bricks

- It is recommended that fresh 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 appropriate metal primer.
- For best paint system performance prime with one full coat **Dulux Plaster Primer** or **Dulux Trade Alkali Resistant Primer**.

Rough surfaces may be filled with **Dulux Pre-Paint Smoothover** or **Dulux Trade Fillercoat** to create a smooth base of even porosity.

Composite Boarding

- Spot-prime metal strips and nail heads with the appropriate metal primer.
- For very absorbent surfaces more than one coat **Dulux Plaster Primer** or **Dulux Trade Alkali Resistant 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 manufacturer's 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 Plaster Primer** or **Dulux Trade Alkali Resistant 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 Plaster Primer** or **Dulux Trade Alkali Resistant Primer** to test its integrity. If a white residue is found on the back of the cloth, apply 1 to 2 further coats of **Dulux Plaster Primer** or **Dulux Trade Alkali Resistant Primer** to achieve the 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 Plaster Primer** or **Dulux Trade Alkali Resistant Primer**.

Mild Steel and Iron

- Inspect shop-primer thoroughly for damage by installation. All rust, scale and dirt must be removed by scraping or with steel wire brushes, and then thoroughly sand with medium grit sandpaper and finish with fine grit sandpaper - down to a bright metal finish. Ensure that the sanded areas are dry and free of grease and dust. A solvent wash (rags dipped in lacquer thinner) may be used. Change the rags frequently. Allow drying.
- Prime with one to two coats **Dulux Steel Primer** or **Dulux Trade Steel Primer** depending on the severity of the conditions. Two coats recommended for coastal conditions.
For best paint system performance follow primer with **Dulux Universal Undercoat** or **Dulux Trade Universal Undercoat** before applying the selected finishing coat.

Galvanised Iron, Aluminium and various Non-ferrous Metals

- Remove all traces of temporary protective coating, dirt and grease from the surface with **Dulux Galvanised Iron Cleaner**. Ensure complete removal of **Dulux Galvanised Iron Cleaner** by rinsing with running water. A water-break free surface indicates thorough cleaning - running water should not form droplets. If a water-break free surface was not achieved, repeat the cleaning process. Prime immediately after cleaning.
- Prime with one to two coats **Dulux Galvanised Iron Primer** or **Dulux Trade Corrocote 1 Metal Etch Primer**, depending on the severity of the conditions. Two coats recommended for coastal conditions.
- For best paint system performance follow primer with **Dulux Universal Undercoat** or **Dulux Trade Universal Undercoat** before applying the selected finishing coat.

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 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 Universal Undercoat** before applying the selected finishing coat.

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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.
- 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 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.
- 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. NOTE: While this product can be used for sealing chalked or slightly friable surfaces, it will not penetrate thick layers of powdery material. **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 Plaster Primer** or **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 Safety Data Sheet for complete information.

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ADDITIONAL INFORMATION

Packaging	1Lt, 5Lt, 10Lt** and *20Lt White and Tint Bases – Pastel Base 7, Medium Base 8, Deep Base 9 and U/Deep Base 6. *Limited to White and Base 7 **White Only
Storage Conditions	Store under cool dry conditions away from direct sunlight, heat and extreme cold.
Colour Disclaimer	Colour swatch 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. In the case of different batch containers, it is recommended that they be mixed together in a large container, or to finish in a corner before starting a new container.
Tinting Protocol	The tint base containers are only filled to levels which are specific for each tint base to allow the calculated volume of colourants to be added in order to achieve the volume indicated on the container after tinting. Tint bases and colourants are unfinished products which should not be used on their own. Only once the prescribed colourant is added to the specific tint base will the finished product comply with the technical features and related information as set out in this Technical Data Sheet.

GUARANTEE

Dulux offers a 15-year product guarantee on **Dulux EasyCare** (standard colours and tint bases when tinted with Dulux colourants). **Dulux EasyCare** tinted with non-Dulux colourants is not guaranteed, Dulux has no control over the tinting process or the quality of the colourants used. To register your guarantee, simply call the Dulux Technical Helpline within 30 days of purchase. Simply supply your contact details, the site details, purchase details, batch number and related products used. You will receive a Guarantee Reference Number that you should record and keep in a safe place, together with your purchase slip for future reference. For terms and conditions of the guarantee, please visit www.duluxguarantee.co.za or contact Dulux Technical Helpline on 0860 330 111.

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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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