

DULUX BATHROOM+

TECHNICAL DATA SHEET

Version 3 – 2017 DECEMBER

THIS ISSUE SUPERSEDES ALL PREVIOUS PUBLICATIONS

PRODUCT DESCRIPTION

Attractive soft sheen finish for bathrooms

PRODUCT USES

- Suitable for interiors that suffer from high condensation. Not suitable for areas that are continually soaked with water, e.g. shower enclosures.

FEATURES AND BENEFITS

- Attractive soft sheen finish.
- Moisture and steam resistant – Ideal for high condensation areas.
- Mould resistant – MouldTec Formulation. Paint Mould Protection for 5 Years
- Exceptionally durable and washable.
- Preserved air quality - Low VOC, less than 16 g/L.

PRODUCT INFORMATION

Appearance	Soft Sheen
Colour	Pure Brilliant White and colours from the Dulux Colour System in Pastel Base 7
Binder Type	Styrene Acrylic Copolymer
Density at 23°C	Approx. 1.30kg/L
Solids Content	By weight: Approx. 56% By volume: Approx. 45%
Packaged Viscosity	Viscosity at 23°C: Approx. 120 KU
Volatile Organic Compound	White: Less than 16g/L
Spreading Rate	Approx. 10m ² -12m ² per litre depending on surface porosity, profile and application method.
Recommended DFT per coat	Min. 30µm. Max. 45µm.
Recommended WFT per coat	Min. 85µm. Max. 100µm
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	Brush, roller or airless spray.
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.
Drying Time	Touch dry 45 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 and composite boarding, ceramic wall tiles, wood, mild steel & iron and galvanised iron, 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 bare surfaces. Not suitable for painting radiators or other heated surfaces. Drying times will be extended during cold, wet or humid conditions. Do not apply directly to chalky or friable surfaces. Protect the paint from extreme weather conditions, particularly frost. Allow at least 24 hours for the paint to fully dry before exposing to condensation. Do not clean surface within 7 days of application. Paint is not suitable for areas continually soaked with water such as shower enclosures.
Coats Required	Apply two to three finishing coats to new surfaces to achieve a continuous closed film and solid colour.

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.

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SURFACE PREPARATION

NEW SURFACES

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

- It is recommended that fresh 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 **Dulux Steel Primer**.
- Prime with **Dulux Plaster Primer**. For very absorbent surfaces such as gypsum plaster more than one coat Plaster Primer could be required to achieve correct binding and sealing properties.
- Rough surfaces may be finished with Dulux Trade **Fillercoat** or **Dulux Pre-Paint Smoothover** to create a smooth base of even porosity prior to finishing with **Dulux Bathroom+**

Concrete

- Remove any uncured cement, grease, and mould- release agents by high-pressure water blast, or wash with a strong **Dulux Pre-Paint Sugar Soap**/water solution. Rinse off thoroughly with clean water and allow drying.
- Prime with **Dulux Plaster Primer**.

Ceramic Wall Tiles

- Wall tiles around kitchen sinks and bath/shower areas must be degreased with **Dulux Pre-Paint Brush Cleaner/ Degreaser** or a water-miscible household degreaser followed by thorough rinsing with water. All loose grout must also be repaired prior to painting. **N.B:** Not suitable for floor tiles
- Prime with one to two coats **Dulux Supergrip**

Wooden surfaces (doors, frames, furniture).

- Timber treated with a wood borer or fire retardant treatment may cause slow drying (consult supplier).
- Sand smooth. Remove sanding dust. Remove any splintered and discoloured wood.
- Treat knots in timber with Knotting Agent.
- Repair damaged wood with a suitable wood filler.
- Prime with **Dulux Supergrip**. For best paint system performance follow primer with **Dulux Universal Undercoat** before applying the selected finishing coat.

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.

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SURFACE PREPARATION

NEW SURFACES

Mild Steel and Iron - Continue

- Prime with one to two coats **Dulux Steel Primer**, depending on the severity of the conditions. For best paint system performance follow primer with **Dulux Universal Undercoat** before applying the selected finishing coat.

Galvanised Iron

- Remove any traces of rust. Remove 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 Supergrip** or **Dulux Galvanised Iron Primer**, depending on the severity of the conditions. For best paint system performance follow primer with **Dulux Universal Undercoat** before applying the selected finishing coat.

PREVIOUSLY PAINTED SURFACES

Sound, 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. For best paint system performance follow priming with a full coat of **Dulux Universal Undercoat** before applying the selected finishing coat.
- 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

- Loose, flaking paint must be completely removed. Friable surfaces must be removed and repaired.
- It is always good painting practice to rub down existing surfaces with fine sandpaper to remove nibs and dirt particles. Rubbing down also provides a smooth surface for painting.
- 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

- 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 and undercoat as for new surfaces.

FILLING

Fill and repair imperfections with the appropriate **Dulux Pre-Paint** filler and prime with appropriate **Dulux** 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	White - 1lt, 2,5Lt Tint Base 7 - 2.5Lt
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. 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 finished in a corner before starting a new container.

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ADDITIONAL INFORMATION

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.

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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