

ROCKGRIP WALL AND CEILING

TECHNICAL DATA SHEET

Version 8 – 2022 MAY

THIS ISSUE SUPERSEDES ALL PREVIOUS PUBLICATIONS

PRODUCT DESCRIPTION

Good quality interior or exterior matt finish

PRODUCT USES

- Recommended for exterior and interior walls and ceilings.
- May also be applied to metal and wooden surfaces provided these surfaces have been primed with an appropriate primer.

FEATURES AND BENEFITS

- Attractive matt finish.
- Washable and easy to clean.
- UV and Weather resistant.
- Good coverage and whiteness.
- Low odour.
- Easy water clean-up.

PRODUCT INFORMATION

Appearance	Matt
Colour	White, a range of ready-mixed colours, and colours from the Dulux Colour System in Pastel Base 7, Medium Base 8 and Deep Base 9
Binder Type	Modified Acrylic
Density at 23°C	Approx. 1.50
Solids Content	By weight: Approx. 59% By volume: Approx. 38%
Packaged Viscosity	Viscosity at 23°C: Approx. 100 KU
Spreading Rate	Approx. 8m ² - 10m ² per litre depending on surface porosity, profile and application method.
Recommended DFT per coat	Min. 40m. Max. 50µm.
Recommended WFT per coat	Min. 100µm. Max. 125µm
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
Drying Time	Touch dry 1 hour 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, various types of composite boarding, PVC, metal and wood trims provided that appropriate preparation and priming is done.
Precautions	<p>Do not apply during cold (below 10°C) or wet weather.</p> <p>Do not apply directly to substrate without priming.</p> <p>Not suitable for direct application to powdery or friable surfaces whether previously painted or not.</p> <p>Essentially a wall and ceiling coating. For areas subject to continual handling/soiling, e.g. cupboards and doorframes, use Rockgrip Universal Gloss Enamel or Dulux Pearlgló Water-Based.</p> <p>Rockgrip Plaster Primer and Dulux Plaster Primer is alkali resistant; certain tinted colours may still be susceptible to alkali burn.</p> <p>Not suitable for use in kitchen and bathrooms.</p> <p>Do not clean the surface within 7 days of applying.</p> <p>Clean only with Dulux Pre-Paint Sugar Soap and non-abrasive cloth</p>
Coats Required	Apply two to three finishing coats to new surfaces to achieve a 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 and Composite Boarding

- 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 appropriate metal primer.
- For best paint system performance prime with one full coat **Rockgrip Plaster Primer** or **Rockgrip Water Based Plaster Primer**.

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 **Rockgrip Plaster Primer** or **Rockgrip Water Based Plaster Primer** or **Rockgrip Bonding Liquid**.

As gypsum plaster is a very porous surface, adsorption of the applied plaster primer or bonding liquid may occur. To test for this, wipe a black cloth over the dried applied **Rockgrip Plaster Primer** or **Rockgrip Water Based Plaster Primer** or **Rockgrip Bonding Liquid** 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 **Rockgrip Plaster Primer** or **Rockgrip Water Based Plaster Primer** or **Rockgrip Bonding Liquid** applied, to achieve the correct binding and sealing properties

Concrete

- 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** /water solution. Rinse off thoroughly with clean water and allow drying.
- For best paint system performance prime with one full coat **Rockgrip Plaster Primer** or **Rockgrip Water Based Plaster Primer**.

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SURFACE PREPARATION

NEW SURFACES

Mild Steel and Iron

- Inspect shop-primer thoroughly for damage by installation. Abrade new surfaces lightly and remove rust, mill scale by sanding, scraping or with steel wire brushes back to sound mild steel and iron or sandblast to SA 2½.
- 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, OR clean with **Dulux Galvanised Iron Cleaner** according to technical data sheet.
- Prime immediately following preparation with two coats **Dulux Rustshield** or with one to two coats **Rockgrip Steel Primer** depending on the severity of the conditions. Two coats recommended for coastal conditions.
- For best paint system performance follow primer with **Rockgrip General Purpose Undercoat** before applying the selected finishing coat.

PVC Gutters and Downpipes

- Sand well to improve adhesion. Ensure surface is clean and dry.
- Prime with one full coat **Dulux Supergrip**.

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 **Rockgrip Steel Primer** or **Dulux Rustshield**.
- 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 **Rockgrip General Purpose 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 can high pressure water jet cleaning be used as an alternative to the **Dulux Pre-Paint Sugar Soap** treatment.
- Spot prime bare exposed substrates with appropriate primer.

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SURFACE PREPARATION

PREVIOUSLY PAINTED SURFACES

Good Condition, not powdery - Continued

- 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 **Rockgrip General Purpose 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.
- 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. **Rockgrip Bonding Liquid**, which is un-pigmented, is preferred.
- 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.

FILLING

Fill all imperfections with the appropriate **Dulux Pre-Paint** filler and spot prime filled areas with **Rockgrip Plaster Primer** or **Rockgrip Water Based 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.

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ADDITIONAL INFORMATION

Packaging	<p>White: 5Lt, 20Lt Standard Colours: 5Lt and 20Lt Tint Bases: Pastel Base 7, Medium Base 8 and Deep Base 9: 5Lt and 20Lt</p>
Storage Conditions	<p>Store under cool dry conditions away from direct sunlight, heat and extreme cold.</p>
Disclaimers	<p>Colour references are as accurate as modern printing will allow. Please refer to the in-store stripe cards/standard card, or on-shelf colour displays for an accurate representation of the colour. Among others, the following factors may affect final colour appearance: product sheen and texture, colour and light reflections, application, surface texture and preparation.</p> <p>For best colour and sheen consistency, it is advisable to use containers of the same batch number, or to mix different batches together in a large container, or to finish in a corner before starting a new container.</p>
Tinting Protocol	<p>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.</p>

GUARANTEE

Dulux offers a 8-year product guarantee on **Rockgrip Wall & Ceiling** (white and tint bases when tinted with Dulux colourants). **Rockgrip Wall & Ceiling** 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.duluxtrade.co.za or please contact: Dulux On-Line on 0860 330 111. Email ZA.Helpline@akzonobel.com

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