

ROCKGRIP LC ETCH PRIMER

TECHNICAL DATA SHEET

Version 3 – 2019 APRIL

THIS ISSUE SUPERSEDES ALL PREVIOUS PUBLICATIONS

PRODUCT DESCRIPTION

An economical primer for well-prepared mild steel and galvanised iron surfaces

PRODUCT USES

- May be used as a pre-treatment primer for new steel surfaces, which have been sand blasted to Sa2 minimum.

FEATURES AND BENEFITS

- Suitable for interior & exterior use.
- Excellent adhesion and corrosion resistance.
- Quick drying – recoat in 4 hours.
- Provides an excellent primed surface for coating with conventional paint.

PRODUCT INFORMATION

Appearance	Matt
Colour	Red Oxide
Binder Type	PVB Phenolic
Density at 23°C	Approx. 0.97
Solids Content	By weight: Approx. 30% By volume: Approx. 10%
Packaged Viscosity	Viscosity at 23°C: Approx. 30 seconds
Spreading Rate	Approx. 8m ² per litre depending on surface porosity, profile and application method
Recommended DFT per coat	Min. 10µm. Max. 20µm.
Flash Point	12°C

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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 or spray. Roller application is not recommended.
Thinner	Thinning not recommended for brush application. Ready for use after thorough stirring. Etch Primer Thinner if required for spraying to maximum of 10% of product volume.
Drying Time	Touch dry 1 hour at 23°C.
Recoating Time	4 hours for conventional coatings, (drying times will be extended during cold, wet or humid conditions). It is preferable to over-coat within 14 days.
Cleaning of equipment	After use, remove as much product as possible, and then clean immediately with Etch Primer Thinner .
Substrates	Suitable for galvanised iron, sand-blasted mild steel and all non-ferrous metals.
Precautions:	Do not apply during cold (below 10°C) or wet weather. Not suitable for direct application to powdery or friable surfaces whether previously painted or not. Do not apply over rusty, unprepared metal surfaces. Quick drying - avoid application to very hot surfaces. Not designed to withstand natural weathering. When using conventional coatings, it must be over coated as soon as possible, particularly in coastal conditions.
Coats Required	Apply one or two coats Rockgrip LC Etch Primer , depending on the severity of the conditions. Two coats are preferred for coastal conditions.
Top Coating	Over-coat primer with one overall coat Rockgrip General Purpose Undercoat , and finish with 2 top coats.

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SURFACE PREPARATION

Ensure that surfaces are sound and free from rust, dust, oil, grease, dirt, and debris. Surfaces must be thoroughly dry.

NEW SURFACES

Galvanised Iron, Aluminium and all Non-ferrous Metals

- Clean and degrease with **Dulux Galvanised Iron Cleaner**. A water-break free surface indicates thorough cleaning - running water should not form droplets.
- Apply 1 or 2 coats **Rockgrip LC Etch Primer**, depending on the severity of the conditions. Two coats are preferred for coastal conditions.

Mild Steel

- Hand cleaning is not recommended.
- Surfaces must be clean and rust-free. Remove millscale and rust by abrasion blasting to Sa2.
- Ensure that the blasted 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.
- Apply 1 or 2 coats **Rockgrip LC Etch Primer**, depending on the severity of the conditions. Two coats are preferred for coastal conditions.

PREVIOUSLY PAINTED SURFACES

- Rust and flaking paint must be completely removed prior to spot-priming bare, exposed areas with **Rockgrip LC Etch Primer**.
- Build up spot-primed areas with **Rockgrip General Purpose Undercoat** to the same level as the rest of the paintwork.

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
Storage Conditions	Store under cool dry conditions away from direct sunlight, heat and extreme cold.
Disclaimers	N/A product specific

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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