



TECHNICAL DATA SHEET – RENOSCREED CS PRIMER (PRIMER FOR CALCIUM SULPHATE/ANHYDRITE)

Product Overview

RENOSCREED CS PRIMER is a specialist, high-performance primer formulated specifically for use on calcium sulphate (anhydrite) screeds. It penetrates and seals the screed surface to prevent moisture-related failures and chemical incompatibility when used in conjunction with cement-based levelling compounds and adhesives.

Renoscreed CS Primer provides a reliable barrier layer, enhances bond strength, and reduces the risk of reaction between gypsum-based screeds and cementitious toppings. The primer is pigmented red for clear visibility during application.

Applications

- Interior calcium sulphate / anhydrite screeds
- Heated calcium sulphate screeds (UFH)
- Prior to application of cement-based levelling compounds
- Pre-smoothing before tiling or resilient floor coverings

Key Benefits

- Designed for use on calcium sulphate screeds
- Creates a barrier layer to avoid chemical incompatibility
- Fast drying – ready for overcoating in approx. 1 hour
- Pigmented for easy visual control during application
- Excellent adhesion and bond promotion
- Improves workability of smoothing compounds

Technical Data

Property	Value
Packaging	1L, 5L, and 25L plastic containers
Colour	Red
Application temperature	+5°C to +30°C (optimum: 15°C – 25°C)
Drying time (@20°C)	Approx. 60 minutes
Coverage per 5L container	Approx. 32.5m ²

Renoscreed

Unit 1 Power Park, Commercial Road, Goldthorpe Industrial Estate, Goldthorpe. S63 9BL

Tel: 01709261 007 | Email: contact@renoscreed.co.uk | Web: www.renoscreed.co.uk



Property	Value
Consumption rate	Approx. 0.15kg/m ²

Substrate Preparation

All calcium sulphate screeds must be:

- Fully cured and dry
- Mechanically prepared to remove all surface laitance
- Free from dust, dirt, grease, sealers, or any contaminants
- Below 85% RH for levelling compound application
- Below 75% RH for resilient floor finishes

For heated screeds (UFH):

- The system must be fully commissioned before priming
- Switch off underfloor heating a minimum of **48 hours prior** to primer application
- The floor must be cool before applying Renoscreed CS Primer

Laitance must be removed mechanically (e.g., sanding, grinding, or shot-blasting). Vacuum the surface thoroughly to remove dust prior to priming.

Application Instructions

1. **Shake well** before use to ensure consistent distribution of solids and pigment.
2. Apply **undiluted** using a short pile roller, brush, or squeegee.
3. Ensure even, full coverage. Work the primer into the surface to assist penetration.
4. Avoid pooling or over-application—excess product may hinder drying.
5. Apply in one direction where possible. Do not overwork.
6. Allow to dry fully before walking on or applying smoothing compounds (typically 60 minutes at 20°C).
7. In low temperatures or humid conditions, allow additional drying time.

Note:

Do not dilute. Apply only to suitably dry, well-prepared surfaces. Always ensure compatibility with cementitious products used afterwards.

Important:

Do not apply primer over dusty, contaminated, frozen, or damp surfaces. Avoid using in temperatures below +5°C or above +30°C.

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Compatibility

Renoscreed Primer RTU is designed for use with:

- Calcium Sulphate Screed
- Anhydrite Based Screed

Coverage Guide

Unit Size	Approximate Coverage
1 litre	~6.5m ²
5 litres	~32.5m ²
25 litres	~162.5m ²

Limitations

- Not suitable for non-calcium sulphate substrates
- Do not apply if RH exceeds 85% or surface is contaminated
- Application temperature must not fall below 5°C
- Do not use in areas subject to rising damp without a DPM
- Do not apply cementitious toppings until the primer is fully dry

Storage & Shelf Life

Store unopened in a cool, dry place. Use within **12 months** of manufacture.

Health & Safety

This product is not classified as hazardous. A full Material Safety Data Sheet (MSDS) is available upon request.

Cleaning & Disposal

Clean all tools and equipment immediately after use with clean water. Do not allow to dry on tools. Dispose of contents and container in accordance with local regulations.

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