



INSTALLATION GUIDANCE – RENOSCREED CS PRIMER

Engineered to Perform. Trusted to Deliver

Correct preparation of calcium sulphate screeds is essential to avoid costly floor failures. Renoscreed CS Primer is designed specifically to seal and protect calcium sulphate substrates before applying cement-based levelling compounds or floor coverings. Follow this guide for best results.

1. CHECK THE SCREED CONDITION

Before priming, always ensure the screed is:

- Fully cured – follow the manufacturer's drying schedule
- Dry enough – below 85% RH for levelling compounds and below 75% RH for final floor finishes
- Free from laitance – this must be mechanically removed via sanding, grinding, or shot-blasting
- Clean – no dust, grease, sealers, or surface contamination

Not sure if it's dry? Always check.

As a guide, calcium sulphate screeds can dry at around 1mm per day in good conditions. If you don't know when the screed was poured or have any doubts, a moisture check must be carried out before proceeding.

2. PREPARE MECHANICALLY – NO EXCEPTIONS

All calcium sulphate screeds must be abraded to remove laitance, which can interfere with primer absorption and bonding.

Recommended methods:

- Sanding (rotary or orbital)
- Grinding
- Shot-blasting (for large commercial areas)

Afterwards:

Vacuum thoroughly – dust left behind can stop the primer from bonding.

Renoscreed

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3. FOR HEATED FLOORS (UFH)

If your screed includes underfloor heating:

- The system must be fully commissioned
- Switch it off at least 48 hours before priming
- The floor should be cool to the touch before application

4. ENVIRONMENT CHECK

- Room temperature must be +5°C to +30°C (ideally 15°C–25°C for optimal drying)
- Humidity must be controlled – avoid damp or high humidity
- Never apply over frozen or saturated surfaces

5. READY FOR PRIMING

Note:

Ensure the primer is applied at the minimum required rate of 0.15 kg/m². A useful guide is to pour out a measured quantity of primer and mark out the corresponding coverage area. If you still have material remaining after covering that area, the application is too thin. In such cases, a second coat may be required to achieve the required performance.

Once:

- Laitance is removed
- Screed is dry (within moisture limits)
- Surface is dust-free and stable

...you're ready to apply Renoscreed CS Primer.

QUICK RECAP – TOP TIPS

- ✓ Remove surface laitance — always
- ✓ Use a professional vacuum — no sweeping
- ✓ Don't prime damp or contaminated screeds
- ✓ Don't dilute the primer — apply neat
- ✓ Allow full drying before applying levelling compounds
- ✓ If in doubt, test for moisture

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CONTACT

Have questions about external applications or product compatibility?

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