



## TECHNICAL DATA SHEET – GRIT PRIME

### Product Overview

**RENOSCREED GRIT PRIME** is a fast-drying, ready-to-use, single-component primer with a suspended aggregate for enhanced mechanical key. It is designed for use on both absorbent and non-absorbent substrates to ensure optimal adhesion for bonded screed systems. It forms a textured surface that provides a highly effective bond bridge between the substrate and subsequent levelling or screed applications.

Renoscreed Grit Prime is suitable for use with the full Renoscreed range, particularly in bonded applications over dense or non-porous substrates such as power-floated concrete, tile, or epoxy DPM systems.

### Applications

- Concrete (new and existing)
- Sand/cement screeds
- Epoxy DPM
- Ceramic and porcelain tiles
- Natural stone
- Metal substrates
- Calcium sulphate screeds (prepared and sealed)
- Fibre cement boards
- Flooring-grade asphalt
- Plywood and T&G floorboards
- Tile backer boards

### Key Benefits

- Enhanced bond via aggregate texture
- Fast drying – screed can be applied after 20 minutes
- Suitable for both porous and dense substrates
- Ideal for use with low build bonded systems
- Excellent mechanical bond with minimal preparation
- Ready-to-use, no mixing or dilution required

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## Technical Data

Property	Value
Appearance	Turquoise textured liquid
Packaging	1kg, 5kg and 10kg plastic containers
Coverage	0.075–0.11kg/m <sup>2</sup> (depending on substrate)
Screed Depth	Maximum Screed Depth advised 20mm
Drying time	Approx. 20 minutes at 20°C (touch dry)
Application temperature	+5°C to +30°C
Shelf life	12 months (stored sealed, frost-free)

## Substrate Preparation

Correct preparation of the substrate is critical to performance.

All substrates must be:

- Structurally sound and rigid
- Clean, dry and free from laitance, dust, grease, or other contaminants
- Free from surface treatments or sealers that could inhibit adhesion
- Mechanically prepared as needed (e.g., via STR, shotblasting, grinding)

### Concrete and Screeds:

Mechanically remove laitance or surface contamination. Surface RH should be <75%. Apply one uniform coat of Grit Prime and allow to fully dry.

### Calcium Sulphate Screeds:

Ensure fully cured. Mechanically abrade to remove laitance, confirm RH <75%, and seal prior to priming.

### Tiled Surfaces / Natural Stone / Vinyl:

Ensure all contaminants, waxes, or sealers are removed. If necessary, use mechanical preparation. Apply one full coat of Grit Prime.

### Wood Subfloors (Ply/T&G):

Must be flooring-grade, braced, and screw-fixed at minimum 150mm centres. Subfloor must be clean, dry and stable. Grit Prime can be applied directly to clean surfaces.

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### **Epoxy DPMs and Metal:**

Ensure surface is abraded and dry. Remove all oils or residues. Prime directly with Grit Prime.

**Perimeter isolation** should be installed using 8mm x 100mm foam around all walls, columns, and fixed upstands to prevent stress transfer.

Large deviations or hollows in the substrate exceeding 50mm should be filled using **Renoscreed Fibre 0350 before overcoating**. Once this has hardened, the area should be re-primed before applying Renoscreed Fibre topping.

### **Application Instructions**

1. Shake well before use to ensure aggregate is fully dispersed.
2. Apply with a roller (short nap preferred) for even distribution of texture.
3. For edges and tight areas, use a paintbrush.
4. Do not allow the product to pool or overapply – one thin uniform coat is sufficient.
5. Avoid overworking once applied – do not back-roll.
6. Allow to dry until fully touch-dry (typically 20 minutes at 20°C).
7. Do not apply levelling compounds until the primer is completely dry and firm underfoot.

Application can commence once the product is dry and tack-free. Avoid contamination of the surface after application and prior to screed or adhesive.

### **Important:**

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

### **Compatibility**

Renoscreed Primer RTU is designed for use with:

- Renoscreed Fibre 0350
- Renoscreed Level 0220
- Renoscreed Pro 0212 (and other screeds as advised by Renoscreed technical support)

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## Limitations

- Do not use below +5°C or in humid conditions above 95% RH
- Not suitable for use on flexible or moisture-sensitive substrates
- Avoid foot traffic until the primer is fully dry
- Do not apply on surfaces subject to rising damp without a DPM

## 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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