

Shieldcoat GRS



Single-component, Silicone-based, Trowel-applied, Textured Decorative Coating

Description

Shieldcoat GRS is a trowel-applied, silicone-based scratch finish textured coating, formulated from graded fillers, silicone binders, and additives to give a durable, elastic, textured finish that covers minor cracks, defects, and surface undulations in substrates, available in a wide range of colors.

Uses

- Interior and exterior applications.
- Ideal to finish EIFS applications.
- Renovation/retrofit works.
- Suitable for various substrates such as concrete substrates, cement boards, plasters, renders, chipboards, and drywalls.

Characteristics / Advantages

- Easy to use.
- Flexible, with high resistance to impact and abrasion.
- Resistant to weather and UV conditions.
- Vapor permeable, allows breathability of the substrate.
- Low dirt pickup and good stain resistance.

Shelf Life and Storage

Shieldcoat GRS has a shelf life of 12 months when stored in its original unopened packaging in cool and dry conditions, protected from direct sunlight, heat, and moisture. Shelf life may be reduced if the recommended storage conditions are not followed.

Packaging

Shieldcoat GRS is supplied in 25 kg buckets.

Safety Instructions

Avoid contact with the eyes and skin. In case of direct contact with the skin, wash the affected area immediately with water for several minutes. If it comes into contact with the eyes, rinse immediately with lukewarm water for at least 15 minutes and get medical advice or treatment if any emergency warning signs appear. For further information, refer to the Material Safety Data Sheet.

Typical Properties

Appearance/ Color	Colored thick paste
Specific Gravity (23 °C)	1.60 ± 0.10
Maximum Aggregate Size	2.1 mm
Drying Time (23 °C)	3 – 4 hours
Full Cure	7 days

Application Instructions

1. Surface Preparation

The substrate must be sound and free from dust, loose material, surface contamination, and materials that may reduce bond or prevent adhesion. Cracks, voids and damage should be repaired using the appropriate **Shield Concrete Repair** products range.

Protect adjacent areas that are not to be coated by suitable means. Apply **Shieldprime ACS** to prime and seal prepared substrates prior to the application of **Shieldcoat GRS**. Surface and application temperatures are +5°C to +35°C.

2. Application

The container of **Shieldcoat GRS** should be stirred prior to use to ensure a homogenous mixture. Apply **Shieldcoat GRS** onto the prepared and primed substrate by a steel trowel to a 2 mm film thickness. Excess material must be removed prior to the finishing process.

3. Finishing

The desired scratch finish is achieved using a plastic float as below:

Vertical	: Float moved in vertical direction
Horizontal	: Float moved in horizontal direction
Random	: Float moved in circular motion
Cross-hatched	: Float moved in horizontal and vertical directions



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4. Cleaning

All mixing equipment and application tools should be cleaned immediately with clean water. Hardened material should be mechanically removed.

5. Curing

Curing is not normally necessary but freshly applied material should be protected from rain, until fully dry, to ensure optimum performance.

Consumption

25 kg bucket covers 6 – 8 m² approximately.

Consumption and coverage rate may vary due to site wastage and substrate condition / profile.

Technical Support

Refer to technical information, method statement, or contact technical support team for any inquiry.