



Single-component, Acrylic-based Scratch Finish Textured Coating

Description

Shieldcoat GRA is a trowel-applied, water-based scratch finish textured coating, formulated from graded fillers, acrylic binders and additives to give a durable, elastic, textured finish coating that helps cover minor cracks, defects and surface undulations in substrates and available in a wide range of colors and three grain sizes.

Uses

- Interior and exterior applications.
Suitable for various substrates such as concrete, cement board, plaster and render, chipboard and drywall.
Ideal to finish EIFS applications.
Renovation / retrofit work

Characteristics / Advantages

- Easy to use and environmentally friendly.
Flexible, with high impact and abrasion resistance.
Extremely tough, resistant to weather and UV conditions.
Vapor permeable, allows breathability of the substrate.

Typical Properties

Table with 2 columns: Property and Value. Rows include Color/Appearance, Available Grain Sizes, Specific Gravity, Viscosity, and Drying Time.

Application Instructions

1. Substrate Temperature

+5°C to +40°C

2. Surface Preparation

The substrate shall be sound and free from dust, loose material, surface contamination and materials which may reduce bond or prevent adhesion. Cracks, voids and damage should be repaired using the appropriate product from the Manaseer ranges.

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 GRA.

3. Mixing

Shieldcoat GRA should be stirred prior to use to ensure a homogenous mixture.

4. Application

Shieldcoat GRA is applied onto the prepared substrate by steel trowel to a film thickness appropriate for the grain size used (see 6. Consumption below). Excess material must be removed prior to commencing of the finishing process.

5. Finishing

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

Table with 2 columns: Direction and Description. Rows include Vertical, Horizontal, Cross-hatched, and Random.

6. Consumption

Table with 2 columns: Grain Size and Consumption. Rows include 1.0 mm, 2.0 mm, and 3.0 mm.

The above values are approximate and may vary due to site wastage and substrate condition / profile.



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Shieldcoat GRA

7. Cleaning

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

8. Curing

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

Packaging

Shieldcoat GRA is supplied in 25 kg containers.

Shelf Life and Storage

Shieldcoat GRA has a shelf life of 12 months when stored in its original unopened packing in cool and dry conditions, protected from direct sunlight, heat and moisture.

Shelf life may reduce if the recommended storage conditions are not followed.

Safety Instructions

Shieldcoat GRA may cause irritation to skin or eyes. Avoid contact with eyes or skin neither inhalation of vapors. If comes into contact with skin, wash immediately with water and soap. If comes into contact with eyes, wash immediately with water for several minutes and get medical advice or treatment if any emergency warning signs appear.

For further information, refer to the Material Safety Data Sheet.

Disclaimer

Manaseer Industrial Complex has the right to amend its datasheets at any time. Please make sure to have the latest published datasheet version.

This Product is Environmentally Friendly

Manaseer Industrial Complex
is a member of US Green Building

