

Shieldcoat TMA



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

Description

Shieldcoat TMA is a trowel-applied, water-based decorative textured coating, formulated from graded fillers, high-quality acrylic binders, and specialized additives to deliver a durable, elastic, medium-textured finish, that effectively covers minor surface cracks, imperfections, and defects. Available in a wide range of colors and ideal for new and renovation applications.

Uses

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

Characteristics / Advantages

- Easy to apply by trowel.
- Medium textured finish, providing a visually appealing surface.
- Outstanding resistance to impact and abrasion.
- Extremely tough, durable, and resistant to UV and weathering conditions.
- Vapor permeable, allows breathability of the substrate.
- Provide a range of textures and finishes and enhanced visual appeal.
- Environmentally friendly.

Shelf Life and Storage

Shieldcoat TMA 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 TMA is supplied in 25 kg buckets.

Typical Properties

Appearance/ Color	Colored thick paste
Specific Gravity (23 °C)	1.50 ± 0.10
Maximum Aggregate Size	300 microns
Drying Time (23 °C)	3 – 4 hours
Full Cure	7 days

Application Instructions

1. Substrate Temperature

+5°C to +35°C

2. 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 product from the Manaseer ranges.

Protect adjacent areas that are not to be coated by suitable means. Apply **Shieldprime AC** to prime and seal prepared substrates before applying **Shieldcoat TMA**.

3. Application

The container of **Shieldcoat TMA** should be stirred thoroughly prior to use to ensure a homogenous mixture.

Apply **Shieldcoat TMA** onto the prepared and primed substrate using a steel trowel to achieve a film thickness of 1 – 2 mm. Excess material must be removed before the finishing process.

4. 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

5. Cleaning

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

6. Curing

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

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.

Coverage

A 25 kg bucket covers approximately 15 m² at 1 mm thickness. Consumption and coverage rate may vary due to site wastage and substrate condition / profile.

Limitations

- Do not apply the product if the ambient temperature is less than 5°C.
- Hot weather practices should be adopted during application and curing if the temperature is above 35°C. In hot conditions, store the material in a cool environment prior to application.

Technical Support

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

Address: Manaseer Group, 8th Circle, King Abdullah II St. 302
P.O. Box 925988 Amman, 11110, Jordan

Phone +962 6 5800600
Fax. +962 6 5833890

Email: info.shield@manaseer-ic.com
Website: www.manaseergroup.com

LEGAL DISCLAIMER: All information provided, and recommendations made herein are intended to assist customers in determining whether our products are suitable for their applications. We request that customers inspect and test our products before use in order to make their own final decision regarding suitability. We do not guarantee results, freedom from patent infringement, or suitability of resultant products for any suggested application with respect to the use of any formula or material described herein.

Version 250724 SP-AF –TMA-001

Manaseer Industrial Complex