

Shieldcoat ProGuard T



Water-based, Acrylic Textured Coating for Tennis Courts

Description

Shieldcoat ProGuard T is a ready-to-use, acrylic textured coating, pre-mixed with fine non-slip aggregates. It is designed as an intermediate layer in sports court systems to provide a tough, anti-slip textured surface.

Uses

- Tennis courts, basketball courts, walkways, recreational areas.
- Multi-sport facilities and halls.
- Playgrounds and running tracks.
- Fitness centers and outdoor courts.

Characteristics / Advantages

- Ready-to-use and easy to apply by rubber squeegee, roller, or brush.
- Repairs small imperfections and cracks.
- Provides a tough, anti-slip textured surface.
- Excellent adhesion strength with cement-based substrates and asphalt surfaces.
- Low VOC, and environmentally friendly.

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.

Shelf Life and Storage

Shieldcoat ProGuard T 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.

Typical Properties

Color / Appearance	8 standard colors, customized colors upon request
Specific Gravity (25 °C)	1.50 ± 0.1
Touch Dry Time (25°C)	30 – 90 minutes
Overcoating Time (25°C)	90 – 120 minutes

Consumption

Approximately 0.55 – 0.70 Kg/ m² per coat, but this may vary due to site wastage, substrate condition/profile, and porosity.

Packaging

Shieldcoat ProGuard T is supplied in 25 kg buckets.

Application Instructions

1. Surface Preparation and Priming

The substrate must be sound and free from dust, loose materials, surface contamination, and materials that may reduce bond or prevent adhesion. Concrete substrate should be 28 days. Prime substrates with **Shieldprime TC** for better adhesion.

2. Mixing

Shieldcoat ProGuard T should be thoroughly stirred prior to application to ensure a homogenous mixture.

3. Application

Shieldcoat ProGuard T is applied onto the prepared substrate using a 1-m rubber squeegee or trowel. Two to three coats are normally required perpendicularly to give even coverage.

4. Cleaning

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

5. Curing

Allow the coating to cure fully before exposure to moisture or traffic.

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.
- Ensure wearing appropriate personal protective equipment (PPE); gloves, eye protection, masks, and protective clothing, and ensure good ventilation during application.

Technical Support

Refer to technical information, method statement, or 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

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