

Shieldcoat ProGuard S

Water-based, Acrylic Coating for Tennis Courts



Description

Shieldcoat ProGuard S is a ready-to-use acrylic protective coating and paint, formulated for sports surfaces. It offers exceptional protection for both concrete and bituminous substrates, resulting in a smooth, highly durable, and weather-resistant finish. This product enhances the longevity, UV stability, and visual appeal of flooring surfaces.

Uses

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

Typical Properties

Color / Appearance	8 standard colors, customized colors upon request
Specific Gravity (23 °C)	1.35 ± 0.05
Touch Dry Time (25°C)	1 hour
Overcoating Time (25°C)	2 hours

Characteristics / Advantages

- Ready-to-use and easy to apply by rubber squeegee, roller, or brush.
- Slip-resistant.
- Resistant to UV and weathering conditions.
- Excellent adhesion strength with cement-based substrates and asphalt surfaces.
- Rapid drying characteristics.
- Water-resistant.
- Low VOC, and environmentally friendly.

Coverage

Approximately 3 – 4 m²/kg, but this may vary due to site wastage, substrate condition/profile, and porosity.

Packaging

Shieldcoat ProGuard S 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.

Shelf Life and Storage

Shieldcoat ProGuard S 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.

Application Instructions

1. Surface Preparation and Priming

The substrate (layer of **Shieldcoat ProGuard T**) must be clean and free from dust, loose materials, surface contamination, and materials that may reduce bond or prevent adhesion.

2. Mixing

Shieldcoat ProGuard S should be thoroughly stirred prior to application to ensure a homogenous mixture. It can be diluted with 2 – 3 Liters of clean water for easier application.

3. Application

Shieldcoat ProGuard S is applied onto the textured coating layer (**Shieldcoat ProGuard T**) the next day using a 1-m rubber squeegee or roller. Two coats are normally required perpendicularly to give even coverage.

A glossy finish can be achieved to enhance durability when applying **Shieldprotect Ultra** after 24 hours of curing.

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.

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