Shieldcoat TXA-C

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

TECHNICAL DATA SHEET

Description

Shieldcoat TXA-C is a roller-applied, ready-to-use, water-based decorative textured coating, designed to give a matte, sandy, and durable textured finish with fine granules. **Shieldcoat TXA-C** is suitable for internal and external applications and available in a wide range of colors.

Uses

- Interior and exterior applications.
- Renovation/ retrofit works.
- Suitable for various substrates such as concrete substrates, fair-faced concrete, cement boards, blocks, AAC, EPS and XPS boards, beams, columns, ceilings, plasters, renders, chipboards, and drywalls.
- Suitable for application over gemstone substrates.

Characteristics / Advantages

- Ready to use and environmentally friendly.
- Versatile application, can be applied by roller or suitable sprayer machine.
- Flexible, with high resistance to impact, abrasion, and cracks.
- Excellent adhesion strength to a wide range of products.
- Resistant to UV and weathering conditions.
- Vapor permeable, allows breathability of the substrate.
- Available in a wide range of colors.

Shelf Life and Storage

Shieldcoat TXA-C 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 TXA-C is supplied in 25 kg buckets.

Typical Properties

Appearance/ Color	Colored paste
Specific Gravity (23 °C)	1.65 ± 0.10
Drying Time (23 °C)	1 – 2 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.

For fair-faced concrete, the substrate shall be mechanically cleaned and then thoroughly washed to ensure the surface is smooth, clean, and free from any release agents, contaminants, or loose materials.

The substrate temperature must be +5°C to +35°C.

2. Priming

Protect adjacent areas that are not to be coated by suitable means. Apply **Shieldprime AC** to prime and seal prepared substrates prior to the application of **Shieldcoat TXA-C**.

3. Application

The container of **Shieldcoat TXA-C** should be stirred prior to use to ensure a homogenous mixture.

Shieldcoat TXA-C May be diluted with clean water up to a maximum of 10%.

Shieldcoat TXA-C is best applied onto the prepared and primed substrate, during the overcoating time, using a suitable roller to achieve the desired texture or using a hopper spray gun to achieve faster application and a smoother finish. Alternatively, a brush can be used as well.

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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.

Coverage

25 kg pack approximately covers 14 – 16 m²

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

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.

Technical Support

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

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