GSM Construction Chemicals

ETHIO COAT CW

Technical Datasheet

Product Description

ETHIO COAT CW is a premium two-component, acrylic polymer modified cementitious waterproofing coating. Designed for a range of waterproofing applications, this innovative product is supplied in ready-to-mix kits, available in both Grey and White colors. ETHIO COAT CW offers ease of application with a variety of tools and techniques to achieve the desired texture, ensuring reliable and durable protection against water ingress for various structures.



Recommended Uses

- Waterproofing and reprofiling of concrete and masonry surfaces in new and existing structures.
- Protection of water tanks, reservoirs, and other water-retaining structures against leakage.
- Foundation protection and as an impervious lining to prevent water ingress.
- Waterproofing of roofs and as a protective backing to marble and granite to prevent surface staining.

Features and Benefits

- Versatile Waterproofing Solution: Ideal for water tanks, reservoirs, roofs, and other water-retaining structures, providing a robust waterproof barrier.
- Flexible Coating: Bridges shrinkage cracks effectively, maintaining integrity and waterproofing capabilities over time.
- Excellent Adhesion: Bonds strongly to both porous and non-porous surfaces, ensuring long-lasting protection.
- Breathable: Allows water vapor to escape from the structure, preventing moisture build-up without compromising waterproofing effectiveness.
- Non-toxic: Safe for use in potable water applications, offering a health-conscious solution for waterproofing needs.

Application Instructions

1. Surface Preparation: Ensure the surface is clean, stable, and free of any contaminants. Moist surfaces should be dried or primed as necessary.
2. Mixing: Follow the kit instructions to mix the two components thoroughly until a homogenous mixture is obtained.
3. Application: Apply ETHIO COAT CW with a stiff brush, roller, spray, or trowel to achieve the desired texture. For best results, apply in two coats.
4. Curing: Allow the first coat to become touch dry before applying the second coat. Fully cure as per product specifications before exposing to water.

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Storage and Handling

- Store in a cool, dry place, away from direct sunlight and extreme temperatures.
- Keep containers sealed when not in use to prevent contamination and ensure product longevity.

Safety Precautions

- Wear suitable protective clothing, gloves, and eye/face protection during application.
- Ensure adequate ventilation in the working area to avoid inhalation of dust.
- In case of contact with skin or eyes, rinse immediately with plenty of water and seek medical advice if necessary.

Technical Support

GAST Solar Mechanics PLC is committed to providing comprehensive technical support for ETHIO COAT CW, including detailed guidance on application methods, surface preparation, and product selection to ensure optimal performance and results for your waterproofing projects.

This technical data sheet for ETHIO COAT CW outlines essential information regarding its application, advantages, and safety measures, designed to assist professionals in achieving effective, long-lasting waterproofing solutions for a variety of construction and renovation projects.