GSM Construction Chemicals

ETHIOGUARD AC

Technical Datasheet

Product Description

ETHIOGUARD AC is a state-of-the-art, single-component, high-performance liquid-applied acrylic waterproofing system. This elastomeric coating is formulated with weather-resistant pigments, fillers, and styrene acrylic ester resins, designed to offer unparalleled waterproofing, crack bridging, and anti-carbonation properties. Its flexible, high-build nature ensures that it can effectively fill and bridge hairline cracks, while allowing concrete structures to breathe, enhancing their longevity and durability.



Recommended Uses

- External and internal waterproofing of concrete and masonry structures.
- Anti-carbonation coating for reinforced concrete, extending the service life of buildings and infrastructures.
- Protective coating for sea walls, coastal buildings, and other structures exposed to harsh environmental conditions.

Features and Benefits

- Versatile Waterproofing: Provides robust waterproofing for both external and internal concrete and masonry surfaces.
- Crack Bridging: Seamlessly bridges hairline cracks, preventing water ingress and structural damage.
- Anti-carbonation Coating: Offers exceptional resistance to carbonation, protecting reinforced concrete from carbon dioxide penetration.
- UV and Weather Resistant: Engineered to withstand harsh environmental conditions, including direct sunlight and coastal environments.
- High Build Coating: Masks surface imperfections, providing a smooth finish that enhances aesthetic appeal.
- Easy Application: Can be applied using a brush, roller, or airless spray, making it suitable for a wide range of projects.

Application Instructions

1. Surface Preparation: Ensure the substrate is clean, dry, and free from any contaminants. Repair any large cracks or voids prior to application.
2. Mixing: Stir the product thoroughly before use to ensure a homogeneous mixture.
3. Application: Apply ETHIOGUARD AC evenly using a brush, roller, or airless spray system. For best results, apply in two coats, allowing the first coat to dry before applying the second.
4. Curing: Allow the coating to cure fully, typically within 24-48 hours, before exposing to water or traffic.

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Storage and Handling

- Store in a cool, dry place, away from direct sunlight and extreme temperatures.
- Keep the container tightly sealed when not in use to prevent skinning and contamination.

Safety Precautions

- Wear appropriate personal protective equipment (PPE), including gloves and eye protection, during application.
- Ensure adequate ventilation in the application area to avoid inhalation of vapors.

Technical Support

For further information or technical assistance with ETHIOGUARD AC, including detailed application advice or compatibility questions, please contact GAST Solar Mechanics PLC technical support. Our team is dedicated to providing expert guidance and support to ensure the success of your waterproofing projects.

This technical data sheet for ETHIOGUARD AC outlines essential information regarding its application, benefits, and safety measures, designed to assist professionals in achieving effective, long-lasting waterproofing and protection for a variety of construction and maintenance projects.