GSM Construction Chemicals

ETHIO Tile Adhesive

Technical Datasheet

Product Description

ETHIO Tile Adhesive is a superior quality, polymer-modified adhesive designed for the versatile installation of ceramic tiles, granites, marbles, and mosaics in both indoor and outdoor settings. This adhesive is uniquely formulated to be both hydraulically and organically bound, offering unparalleled adhesion to a variety of substrates including concrete and renders. Its exceptional bonding strength makes it ideal for use in areas subject to moisture, such as swimming pools and showers, as well as for cladding in kitchens, abattoirs, and other demanding environments.



Recommended Uses

- Fixing of ceramic, granite, marble, and mosaic tiles in internal and external environments.
- Areas subject to moisture, including swimming pools, showers, and bathrooms.
- Cladding for walls and floors in residential, commercial, and industrial settings.

Features and Benefits

- Versatile Adhesion: Excellent adhesion to a wide range of building materials.
- Durability: Resistant to weathering, oils, fuels, water, UV light, ozone, and remains stable in the presence of alkalis and dilute acids.
- Flexibility: Maintains high elasticity, capable of withstanding repeated cycles of extension and compression without losing adhesion.
- Chemical Resistance: Offers exceptional resistance to chemicals, including jet fuels and aviation fuels.
- UV Resistance: Provides excellent protection against degradation from ultraviolet light.
- Non-biodegradable: Ensures long-lasting seal integrity in challenging environments.

Application Instructions

- Surface Preparation: Ensure surfaces are clean, stable, and free from dust, grease, or any other contaminants. The substrate should be moistened before application in hot or dry conditions.
- Mixing: Mix ETHIO Tile Adhesive with clean water according to the package instructions until a smooth, lump-free consistency is achieved.
- Application: Apply the adhesive to the substrate using a notched trowel, spreading evenly. Press tiles firmly into place, ensuring full coverage and contact with the adhesive.
- Setting Time: Allow the adhesive to set for 24 hours before grouting or subjecting to foot traffic.

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Storage and Handling

- Store in a cool, dry place, away from direct s • Store in a cool, dry place, away from direct sunlight and moisture.
- Keep the packaging sealed when not in use to extend shelf life.

Safety Precautions

- Avoid inhalation of dust during mixing. Use appropriate protective equipment such as gloves and masks.
- In case of contact with eyes or skin, rinse immediately with plenty of water and seek medical advice if necessary.

Technical Support

For further information on ETHIO Tile Adhesive, including detailed application advice or technical assistance, please contact GAST Solar Mechanics PLC technical support. Our team is committed to providing the support you need to achieve optimal results with our products.

This technical data sheet for ETHIO Tile Adhesive is designed to provide comprehensive information on its properties, application methods, and safety guidelines. Tailored to assist professionals in achieving high-quality and durable tile installations, it underscores the adhesive's suitability for a wide range of tiling projects.