

TECHNICAL DATA SHEET (TDS)

GLAZED ETNA LAVA STONE

1. Product Description

Glazed Etna Lava Stone is manufactured from natural basaltic lava quarried from the slopes of Mount Etna, Sicily, Italy. Each slab is handcrafted and kiln-fired with high-quality ceramic glazes, creating a durable glazed architectural surface suitable for both residential and commercial applications.

2. Technical Information

Property	Specification
Product	Glazed Etna Lava Stone
Base Material	Natural Basaltic Lava Stone
Origin	Mount Etna, Sicily, Italy
Surface Finish	Gloss / Satin / Matte
Standard Thickness	30 mm
Approximate Weight	84 kg/m ² (at 30 mm thickness)
Available Shapes	Available upon request
Available Colors	Custom colors available
Edge Profiles	Multiple edge profiles available

3. Performance Characteristics

- Suitable for indoor and outdoor applications.
- Highly UV-resistant glazed surface.
- Suitable for exterior use, including freeze-thaw environments*.
- Weather resistant.
- Low maintenance.
- Easy to clean.
- Smooth, non-porous glazed surface for easy cleaning.
- Designed to resist common household staining under normal use.
- Resistant to routine household cleaning products.
- Resistant to normal residential and commercial heat exposure.

* **Freeze-Thaw Note:** Suitable for freeze-thaw environments when properly installed using industry-accepted installation methods.

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- Kitchen Countertops
- Bathroom Vanities
- Dining Tables
- Coffee Tables
- Restaurant Tables
- Hospitality Furniture
- Outdoor Kitchens
- Wall Cladding
- Poolside and Wet Areas
- Architectural Surfaces

5. Maintenance

- Clean regularly using warm water and a pH-neutral cleaner.
- Avoid abrasive cleaning pads, steel wool, or aggressive industrial cleaning chemicals.
- No periodic sealing, waxing, or resealing is required under normal use.

6. Natural Material Notice

Etna Lava Stone is a natural volcanic material. Minor variations in texture, color, glaze appearance, pitting, and dimensional tolerances are inherent characteristics of handcrafted volcanic stone and should not be considered manufacturing defects. Due to the handcrafted glazing process, slight variations in glaze and color appearance are part of the product's unique character.

7. Disclaimer

The information contained in this Technical Data Sheet is provided in good faith and is based on our current product knowledge and technical information available at the time of publication. It is intended as general technical guidance only and does not constitute a warranty or guarantee of product performance under all service conditions. The purchaser, architect, designer, contractor, or specifying professional is responsible for determining the suitability of this product for the intended application, installation method, and service conditions. Actual product performance may vary depending on installation methods, substrate preparation, project conditions, maintenance practices, and actual service conditions. Mistral Enterprise S.R.L. reserves the right to modify product specifications without prior notice as part of its continuous product improvement process. This Technical Data Sheet is intended for general product information only. For project-specific requirements, please contact Mistral Enterprise S.R.L. This document supersedes all previously issued versions.

Company & Document Information

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