



PELE PEBBLE DESCRIPTION AND TECHNICAL DATA

Pele Pebble is a Lavastone material originated in the ETNA region in Sicily, Italy. The stone is extracted from a deep layer of solidified volcanic flow; this causes the material to be compact with almost no-porosity, named "basalt." Lavastone also have glazes applied to the basalt's body and the entire product is fired at 1,000°C: this allows a strong bond of the glaze to the pebble in the same way that glazes are applied to a ceramic tile.

Notes

- Lavastone is available in full glaze or blended with glaze and basalt.
- Lavastone is an artisanal product and is decorated by hand; for this reason, there may be slight shades that are not considered a defect of the material but a characteristic.
- It is also possible for a minimum quantity to request a decoration or a custom color.

Tests results:

LAVASTONE with full glaze

Test	ASTM	Value
DCOF	ANSI 326.3:2017	0.47
Stain	See "installation recommendation" section	
Water Absorption	C97-02	0.9%
Bulk specific gravity	C97-02	2,813 g/cm ³
Abrasion resistance	C1353/C1353M 20e1 ¹	29.50 ²
Scratch resistant	MOHS	4 ³

LAVASTONE blend

Test	ASTM	Value
DCOF	ANSI 326.3:2017	0.63
Stain	See "installation recommendation" section	
Water Absorption	C97-02	0.9%
Bulk specific gravity	C97-02	2,813 g/cm ³
Abrasion resistance	C1353/C1353M 20e1 ¹	29.50 ²
Scratch resistant	MOHS	4÷6 ³



Installation recommendation/Applications

- Sealing is required. We recommend a water-based water repellent treatment on all products. The sealer must be suitable for natural stone, and we suggest applying it before and after grouting (even on the glaze products, since it can protect the micro-cracks in the glaze):
- We recommend traditional cementitious grouts, but modern two-component epoxies can also be used by carefully following the manufacturer's instructions.
- Applications:

Material	Interior residential walls	Interior residential floors	Interior commercial	Backsplashes	Shower Walls	Shower Floors	Fireplace Surround
Lavastone with full glaze	YES	Not recommended	Walls only	YES	YES	Not recommended	YES
Lavastone blend	YES	YES	Walls only	YES	YES	YES	YES