Technical Specifications

This product meets or exceeds all standards described in ANSI A137.1 & A137.3.
Este product cumple o exceed todos los estandares de ANSI A137.1 & A137.3.

	SPECS	TEST METHOD	INDUSTRY STANDARD	MILE®*stone* VALUES	
	WATER ABSORPTION	ASTM C373	≤0.5%	≤0.5%	
	SURFACE WEAR RESISTANCE	ANSI A137.1	Surface Wear-resistance properties of glazed vitreous and porcelain tiles.	ALL RESIDENTIAL / COMMERCIAL	
	CHEMICAL RESISTANCE	ASTM C650	A tile sample is placed in continuous contact with a variety of chemicals for 24 hours. Sample must show no visible defects.	NOT AFFECTED	
	D.C.O.F. AcuTest®	ANSI A326.3	INDOOR ≥0.42 WET	≥0.42 WET (MATTE SURFACES)	
			OUTDOOR >0.55 WET	>0.55 WET (2CM & GRIP)	
	STAIN RESISTANCE	ASTM C1378	Surfaces are exposed to staining agents for 24 hours followed by four cleaning procedures. Results are recorded post cleaning.	NOT AFFECTED	
	BREAKING STRENGTH GAUGED PORCELAIN 6MM	ASTM C1505	≥175 lbf	≥200 lbf	
	BREAKING STRENGTH	ASTM C648	≥275 lbf	≥300 lbf	
	BREAKING STRENGTH OUTDOOR 2CM	ASTM 1505	2000 lbf (10.9 kN)	≥2500 lbf	
	RESISTANCE TO FREEZE	ASTM C1026	A tile sample is subjected to repeated processes of freezing and thawing. Sample must show no visible defects.	RESISTANT	
	WARPAGE EDGE	ASTM C485	±0.40% or ±0.05 in (±1.8 mm)	± 0.40%	Rectified
	WARPAGE DIAGONAL	ASTM C485	±0.40% or ±0.07 in (±1.8 mm)	± 0.40%	Rectified
	WEDGING	ASTM C502	±0.25% or ±0.03 in (±0.8 mm)	± 0.25%	Rectified
	WARPAGE EDGE	ASTM C485	±0.50% or ±0.07 in (±1.8 mm)	± 0.50%	Calibrated
	WARPAGE DIAGONAL	ASTM C485	±0.50% or ±0.07 in (±1.8 mm)	± 0.50%	Calibrated
	WEDGING	ASTM C502	±0.50% or ±0.08 in (±2.0 mm)	± 0.50%	Calibrated
H	THICKNESS GAUGED PORCELAIN	ASTM C499	Range: ± 0.02 in	≤0.02 in	
H	THICKNESS	ASTM C499	Range: ± 0.04 in	≤0.04 in	
	LENGTH / WIDTH VARIATION	ASTM C499	±0.25% or ±0.03 in (±0.8 mm)	±0.25%	

• Due to the inherent nature of fired porcelain tile, it is important to note that the coefficent of friction may vary within and between product runs.

Green Certifications

Human Health	Declare Red List Free	HPD measured down to 100ppm	Greenguard Gold Certified (Inherently Non-Emitting)
Ecosystem Health	As much as 64% post-consumer recycled content.	Green Squared Certified	Contains no PFAS, PVC, or VOCs
Climate Health	Third Party verified EPD GWP 6mm - 16.09 kg/m² GWP 8mm - 22.8 kg/m² GWP 2CM - 56.25 kg/m²	100% of the raw material used in the body of our tile is regionally sourced, supporting sustainable practices and local industries.	
Social Health & Equity	Certified B Corp (as of 2025)	Registered Benefit Corporation in the state of TN (as of 2022)	ISO 9001 Certified ISO 14001 Certified

Progress that invests in the entire society

As an active member of the U.S. Green Building Council, MILE®*stone* spreads awareness to the community and encourages the use of building solutions through environmentally friendly practices.
Our products positively contribute to the requirements for obtaining the LEED (Leadership in Energy and Environmental Design) and WELL (IWBI) certifications.

A commitment to environmental sustainability and responsibility

We are committed to conscious development that minimizes the negative impact of manufacturing production on the environment. Our general approach to sustainability intersects with our business strategy to embrace three areas of responsibility: economic, social, and environmental. Some ways we prove this are:

- Products containing as much as 64% recycled content.
- Zero industrial wastewater discharge.
- A 99% internal process recycling rate.
- 100% regionally sourced raw materials used in the production of the body of our tile, supporting local industries and sustainable practices.

MILE®*stone* is taking these and other steps, as well as actively investing to reduce carbon emissions to ensure that we reach full carbon neutrality.

PROUDLY TAKING STEPS TOWARDS CARBON NEUTRALITY