

This product meets or exceeds all standards described in ANSI A137.1.

SPECS	TEST METHOD	INDUSTRY STANDARD	Mstone VALUES
WATER ABSORPTION	ASTM C373	≤0.5%	≤0.4%
CERTIFIED PORCELAIN TILE <small>0.5% or less water absorption</small>	ASTM C373	0.5%	Meeting the water absorption criteria of the American national standard PTCA
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. No sample must show visible defects.	NOT AFFECTED
D.C.O.F. AcuTest®	ANSI A326.3	≥0.42 WET	≥0.42 WET
			≥0.42 WET 2CM
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	ASTM C648	≥250 lbf	8mm ≥300 lbf 10mm ≥400 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
THICKNESS	ASTM C499	Range: ± 0.04 inv	≤0.04 in

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

Green Certifications & Accreditations

DESCRIPTION
Defines post-consumer content of as much as 3% recycled glass which reduces landfill impact.
Defines pre-consumer content of as much as 45% recycled material which reduces our carbon footprint.
Florim USA sources >95% raw material within a 500 mile radius, which results in a smaller carbon footprint.
Tile Council of North America and the American National Standards Institute's standard for sustainability and environmental impact.
A declaration that Florim USA values the environment and works daily to minimize our adverse impact upon it.
The Health Product Declaration Collaborative transparency declaration for all of Florim USA's naturally occurring materials.
Declare. Declare labels disclose all intentionally added ingredients and residuals present in the final product. Being Red List Free means the worst materials, chemicals, and elements for human and environmental health are not present within our products.
Certification of plant and product specific Environmental Product Declaration (EPD) which tracks environmental impacts from the production of porcelain tile.
Underwriter's Laboratories certification of low emitting materials. Florim USA is Green Guard Gold certified.
Bureau Veritas Standards Program verifies and certifies both pre- and post-consumer recycled content.
Florim USA actively participates in the Tile Council of North America which allows us to be on the forefront of advances in the tile industry and its standards.
USGBC is committed to suit a more sustainable life. Florim USA supports this mission by manufacturing products which aid architects in achieving USGBC certification.
Florim USA's sustainability and social practices support the mission of The International Living Future Institute which strives to create a socially just, culturally rich, and ecologically restorative community.
The Tennessee Recycling Coalition is dedicated to promoting recycling and sustainable material management practices, and awarded Florim USA the Tennessee Recycler of the Year award for 2020.

Please note, all specifications have been supplied by the manufacturer and are subject to change.