



# Archaeology Testing/Packaging

floor and wall tile - glazed porcelain stoneware

	Sizes	Pcs	Sq. Ft.	Weight (lbs.)	Thickness
Modular Tile	6½" x 6½"	32	9.38	42	0.413
Modular Tile	6½" x 13"	16	9.46	41	0.413
Floor Tile	13" x 13"	13	15.52	73	0.413
Floor Tile	20" x 20"	6	16.15	79	0.433
Floor Tile	12" x 24"	5	9.96	53	0.433
Mosaic - Square 3" x 3"	13" x 13"	10		39	Compatible
Pinwheel Mosaic	13" x 13"	10		39	Compatible
Strip Mosaic	12" x 12"	10		39	Compatible
Bullnose	3" x 13"	20		21	Compatible

	Sizes	Ctn	Sq. Ft.	Weight (lbs.)
Modular Tile	6½" x 6½"	51	478.38	2142
Modular Tile	6½" x 13"	51	482.46	2122
Floor Tile	13" x 13"	38	589.76	2774
Floor Tile	20" x 20"	24	387.60	1896
Floor Tile	12" x 24"	40	387.60	2444

## ASTM Test Results

Technical Characteristics	ASTM Standards	ASTM Test Results	ASTM Test Methods
Water Absorption	≤ 0.50%	≤ 0.50%	C373
Frost Resistance	As Reported	Resistant	C1026
Scratch Resistance	MOHS 1-10	7	MOHS Scale
Breaking Strength	≥ 250 lbf.	≥ 557 lbf.	C648
Facial Dimension	-3.0% < Nominal ≤ 3.0%	Within Standard	C499
Thickness	≤ 0.04 in (1.02 mm max)	Within Standard	C499
Wedging (squareness)	+/- 0.50% or +/- 2.0mm**	Within Standard	C502
Warpage (flatness)	+/- 0.75% or +/- 2.3mm**	Within Standard	C485
Class (PEI)	Class 0 - Class V	Class IV*	C1027
Dry Coefficient of Friction	As Reported	0.80 ≤ C.O.F. < 0.90	C1028
Wet Coefficient of Friction	As Reported	0.60 ≤ C.O.F. < 0.70	C1028
Chemical Resistance	Class A - Class E	Class A	C650
Stain Resistance	Class A - Class E	Class A	C1378

\* Abrasion Resistance / Suggested Applications

Class IV: Tile in this class may withstand heavier amounts of traffic with greater amounts of dirt and/or other abrasives present, including commercial kitchens, and areas with regular traffic from the outside. See Coefficient of Friction and Frost Resistance for installation-specific details.

\*\* Whichever is less

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