

Series: **EVO-Q**

ANSI A137.1-2012 standards Porcelain tiles with low water absorption Class P1.

Technical feature	Standard Method	Requirements	Emilceramica Values
CALIBER RANGE - Rectified	ASTM C499	$\pm 0.25\%$ or 0.03 in (0.8 mm) ¹	$\pm 0.20\%$
THICKNESS²		Range: ± 0.04 inch (1.02 mm)	COMPLIANT
WEDGING - Rectified	ASTM C502	$\pm 0.25\%$ or 0.03 in (0.8 mm) ¹	$\pm 0.15\%$
WARPAGE EDGE - Rectified	ASTM C485	$\pm 0.40\%$ or 0.05 in (1.3 mm) ³ or 1.8 mm ⁴	$\pm 0.25\%$
BREAKING STRENGTH	ASTM C648	Average ≥ 250 lbf. (1.11 kN)/ Individual ≥ 225 lbf. (1.00 kN)	COMPLIANT
WATER ABSORPTION	ASTM C373	$\leq 0.50\%$	COMPLIANT
THERMAL SHOCK⁵	ASTM C484	PASS	PASS
RESISTANCE TO FREEZE/TAW CYCLING⁶	ASTM C1026	AS REPORTED	NO DAMAGE
VISIBLE ABRASION RESISTANCE⁵	ASTM C1027-99	AS REPORTED	V
CHEMICAL RESISTANCE	ASTM C650	AS REPORTED	NOT AFFECTED
STAIN RESISTANCE	ASTM C1378 CTI81-7D	AS REPORTED	NOT AFFECTED
WET DYNAMIC COEFFICIENT OF FRICTION	section 9.6	0.42⁷	STANDARD 0.59 *
			POLISHED 0.40 **
			BACK FACE 0.50 ***
			BRICK 0.66 ****

* Test report n° 3307/2016.

** Test report n° 3304/2016.

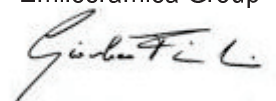
*** Test report n° 3310/2016.

**** Test report n° 3301/2016.

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Fiorano Modenese, August 25th, 2016

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¹ Whichever is less.

² May not apply to textured surfaces or tiles with uneven back patterns.

³ Whichever is less, for tiles up to 24" x 24" (610 mm x 610 mm)

⁴ Applies to tiles larger than 24" x 24" (610 mm x 610 mm)

⁵ Glazed tile only.

⁶ When installation subject to freeze/thaw conditions.

⁷ For Level interior spaces expected to be walked upon when wet (see Section 6.2.2.1.10)