


TECHNICAL CHARACTERISTICS: Leigh Vaeth - Pietra Series

CHARACTERISTIC	ASTM METHOD	INDUSTRY STANDARD	EN METHOD	ISO METHOD	INDUSTRY STANDARD	LEIGH VAETH
Thickness	ASTM C 499	- - ≤		ISO 10545-2	- - E ≤	¾"
Weight	-	0,5%			0,5%	9 lb/sq. ft
Water absorption	ASTM C 373-88			ISO 10545-3		≤ 0.1%
	ASTM C 373	0,5%				Meeting the water absorption criteria of the American national standard PTCA
Breaking strength	ASTM 1505	2000 lbf (10.9 kN)		ISO 10545-	Sp > / = 7,5mm S > / = 1300 N	> 2500 lbf
Moduls of rupture	-	-		4 ISO		> 7000 psi
Static load capacity (24"x24" pavers)	-	-	EN 12825	10545-4	center side center diagonal	> 1700 lbf > 1200 lbf > 1500 lbf
Dynamic load capacity - hard object impact test	-		EN 12825		- - Kn	Test not passed
Dynamic load capacity - soft object impact test	-		EN 12825		14,38 -	Test Passed
Bending strength	-		EN 1339			Class 14
Impact resistance	-	- - - -		ISO 10545-5		> 0.55
Resistance to abrasion	ASTM C 1243-93	Surface wear-resistance properties of glazed vitreous and porcelain tiles		ISO 10545-6	< 175 mm2	conforms
Frost resistant	ASTM C1026	A tile sample is subjected to repeated processes of freezing and thawing. Sample must show no visible defects.		ISO 10545-12	requested	resistant
Resistance to thermal shock	ASTM C 484	requested		ISO 10545-9	requested	resistant
Resistance to chemicals	ASTM C 650	A tile sample is placed in continuous contact with a variety of chemicals for 24 hours. Samples show no visible defects.		ISO 10545-13	UB min	UA
Resistance to acids and alkalis	-	-		ISO 10545-13	-	ULA/UHA
Resistance to staining	ASTM C 1378	Surfaces are exposed to staining agents for 24 hours followed by four cleaning procedures. Results are recorded post cleaning		ISO 10545-14	-	Class 5
Fire resistance	-	- - - - -	EN 3501-1		-	A1-A1 FL
Barefoot ramp test	ANSI A 326.3			DIN 51097 DIN	-	A+B+C
Shod ramp test	-			51130 BOT 3000	-	R11
Dynamic coefficient of friction	ANSI A137 / ASTM A326.3			DM 236/89 B.C.R.A.	-	> 0.60 wet > 0.60 dry
Slip resistance	-				-	> 0.40