

T-947 Mono

TECHNICAL CHARACTERISTICS

CHARACTERISTIC	ASTM METHOD	INDUSTRY STANDARD	EN METHOD	ISO METHOD	INDUSTRY STANDARD
Thickness	ASTM C 499	-		ISO 10545-2	- ¾"
Weight	-	-			- 9 lb/sq. ft
Water absorption	ASTM C 373-88	≤ 0,5%		ISO 10545-3	E ≤ 0,5% ≤ 0.1%
 Porcelain	ASTM C 373	0,5%			Meeting the water absorption criteria of the American national standard PTCA
Breaking strenght	ASTM 1505	2000 lbf (10.9 kN)		ISO 10545-4	Sp > / = 7,5mm S > / = 1300 N > 2500 lbf
Moduls of rupture	-	-		ISO 10545-4	> 7000 psi
Static load capacity (24"x24" pavers)	-	-	EN 12825		center > 1700 lbf side center > 1200 lbf diagonal > 1500 lbf
Dynamic load capacity - hand object impact test	-	-	EN 12825		- Test not passed
Dynamic load capacity - soft object impact test	-	-	EN 12825		- Test Passed
Bending strenght	-	-	EN 1339		Kn 14,38 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 mm ² conforms
Frost resistant	ASTM C1026	A tile sample is subjected to repeated porcesses 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. No sample show 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 recirdedpost cleaning		ISO 10545-14	- Class 5
Fire resistance	-	-		EN 3501-1	- A1-A1 FL
Barefoot ramp test	ANSI A 326.3	-		DIN 51097	- A+B+C
Shod ramp test	-	-		DIN 51130	- R11
Dynamic coefficient of friction	ANSI A137 / ASTM A326.3	-		BOT 3000	- > 0.60 wet > 0.60 dry
Slip resistance	-	-		DM 236/89 B.C.R.A.	- > 0.40