















Technical Specifications

ACCORDING TO:
ANSI A137.1 - UNGLAZED PORCELAIN TILES CLASS P1

12"x24" thickness 9mm
18"x36" - 9"x36" thickness 10mm

TECHNICAL FEATURES	test method	required values	average values
 water absorption	ASTM C373	≤ 0.5%	CONFORMS
 breaking strength	ASTM C648	≥ 250 lbf	350 lbf 9 mm 425 lbf 10 mm
 deep abrasion resistance	ASTM C1243	≤ 175 mm ³	145 mm ³
 linear thermal expansion	ASTM C372	no provision	$\alpha \leq 8 \times 10^{-6} \text{ } ^\circ\text{C}^{-1}$ $\alpha \leq 4.4 \times 10^{-6} \text{ } ^\circ\text{F}^{-1}$
 stain resistance	ASTM C1378	as indicated by manufacturer	A RESISTANT
 chemical resistance*	ASTM C650	as indicated by manufacturer	A RESISTANT
 frost resistance	ASTM C1026	as indicated by manufacturer	RESISTANT
 bond strength	ASTM C482	≥ 50 PSI	CONFORMS
 slip resistance	ANSI A137.1	DCOF ≥ 0.42	DCOF ≥ 0.42
 flame spread	ASTM E84	-	Class A
 robinson floor tester	ASTM C627	as indicated by manufacturer	≥ 14 cycles Extra Heavy Commercial (over concrete)
 thermal conductivity	EN 12524	-	$\lambda = 1,3 \text{ W/m}^\circ \text{K} - 0.7 \text{ Btu/ft h}^\circ \text{F}$
 recommended minimum joint	RECT (indoor) NOT RECT (indoor)	- -	2mm 3-4mm approx.
 shade variation	ANSI A137.1	-	V3









*excluding hydrofluoric acid and derivatives



URBAN TRENDS
VOYAGER



Recommended Uses

 hotels	 public spaces
 housing	 airports
 bar - restaurants	 malls
 shops	 train stations

Packaging Information

article		carton			pallet		
		pcs.	sf	kg	cts.	sf	kg
field tile rtt	18"x36"	3	13.13	27.5	28	367.7	770.0
field tile rtt	9"x36"	6	13.24	27.5	48	635.5	1320.0
field tile nat	12"x24"	8	15.82	30.2	32	506.3	966.4
field tile rtt strip	9"x36"	6	13.24	27.5	48	635.5	1320.0
muretto	12"x12"	4	3.88	8.3	60	232.5	499.2
mosaic 25	12"x12"	4	3.88	8.3	90	348.75	750.6
bullnose	3 ¹ / ₈ "x12"	20	5.16	9	112	578.7	1008.0



888.203.0054
aproductus.com
info@aproductus.com

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Material supply or manufacturing processes may require changes to this information without notice.