



TOWN &
COUNTRY
SURFACES

T-947 Tectona Grandis

Technical Characteristic & Product Sheet



MORE INFO:

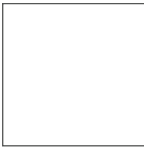
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Tectona Grandis

Barnwood Grey



23¹/₃"x23¹/₃" rectified
60x60 cm
US7900
Barnwood Grey



Tectona Grandis

Chestnut



3/4" thickness



V3 moderate variation



23^{1/3}"x23^{1/3}" rectified
60x60 cm
US7901 Chestnut

Tectona Grandis

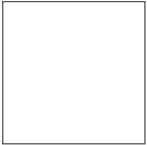
Bone



3/4"
thickness



V3
moderate
variation



23¹/₃"x23¹/₃" rectified
60x60 cm
US7902 Bone

PACKAGING

2,0 MONOLITHIC RECTIFIED CERAMIC TILE	Thickness	Unit / Box	SqFt / Box	Boxes / Pallet	SqFt / Pallet	Weight / Box	Weight / M²	Weight / SqFt	Weight / Pallet	Pallet Size
23 1/2"x47 1/8"	3/4" - 20mm	2	15,5	16	248	146 lb	92,90 lb	8,630lb	2,373 lb	30"x 51"
11 3/4"x47 1/8"	3/4" - 20mm	4	15,5	16	248	144 lb	96,12 lb	8,93 lb	2,373 lb	29"x 49"
23 1/2"x23 1/2"	3/4" - 20mm	2	7,75	36	279	72,94 lb	91,80 lb	8,530 lb	2,663 lb	42"x 42"
11 3/4"x23 1/2"	3/4" - 20mm	4	7,75	40	310	72,94 lb	91,50 lb	8,5 lb	2,955 lb	42"x42"
11 3/4"x11 3/4"	3/4" - 20mm	5	4,85	45	218,25	45 lb	57,64 lb	8,55 lb	2,096 lb	42"x42"

SHADE VARIATION



V1
uniform appearance



V2
slight variation



V3
moderate variation



V4
substantial variation

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%
	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-	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 - 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 mm²	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 rampt 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