



Specifications for Load Bearing & Non-Load Bearing Structural Terra Cotta Tile

5 cm		FURRING UNITS		PROPERTIES OF PAISLEY SMOOTHFACE TILE, GRADE LBX															
				Nominal Metric Width cm	5*	10	10	10	15	15	15	20	20						
				Code Number	2512	4512-U	4512-2	4512-3	6512-U	6512-2	6512-3	8512-3	8512-5						
				Number of Cells Thru Wall	1	1	2	3	1	2	3	3	5						
				Unit Wt. Kgm	2.5	4.4	4.1	4.8	5.9	5.0	7.7	7.1	8.9						
				% Solids	84	66	63	73	58	48	75	51	62						
10 cm		4512-2		4512-3		4512-U UNIVERSAL		Compressive Strength Gross Area	Vertical Coring	Kgm/cm ²	-	436	-	-	380	-	-	-	-
										Lbs/in ²	-	6200	-	-	5400	-	-	-	-
									Horizontal Coring	Kgm/cm ²	-	-	253	317	-	165	296	151	218
										Lbs/in ²	-	-	3600	4500	-	2350	4200	2150	3100
								Fire Resistance Hours **	Bare	-	¾	¾	1	1	1	2	2	3	
									Plaster 1 Side	-	1	1	1½	2	1½	3	3	4	
									Plaster 2 Sides	-	2	2	2	3	2	4	4	4	
								Equivalent Thickness	1.5	2.6	2.5	2.8	3.0	2.8	4.3	4.3	5		
								Thermal Transmission Factor "U" **	Bare	-	.41	.40	.38	.33	.45	.29	.31	.28	
									Plaster 1 Side	-	.38	.36	.35	.31	.43	.28	.31	.26	
									Plaster 2 Sides	-	.35	.34	.33	.30	.41	.27	.30	.25	
15 cm		6512-2		6512-3		6512-U UNIVERSAL		Sound Loss Transmission (Stc Class) avg. **	Bare	-	41	35	43	44	37	48	45	50	
									Plaster 1 Side	-	43	38	44	46	39	49	46	51	
									Plaster 2 Sides	-	45	40	45	48	41	50	48	52	
20 cm		8512-3		8512-5				All units conform to CSA A82.4 or ASTM C34-62. Thermal coefficient of expansion 5.9 Millionths per °C. Dimensional tolerance ± 3%. Plaster Adhesion 2 Kgm/cm ² (30 PSI).											

**Plaster 3/4" gypsum-sand, values established on basis of standard fire & sound tests on building materials or by experience & performance in the field.

**NOTE — Tiles are available with various textures on special orders.

— Scored, Rugged, Select Smooth, Velourtex

ALL SPECIFICATIONS STATED ARE EFFECTIVE AT TIME OF PUBLICATION BUT SUBJECT TO CHANGE WITHOUT NOTICE.

Paisley Brick & Tile Co. Limited

P.O. BOX 59

PAISLEY, ONTARIO N0G 2N0 CANADA

PHONE: 519-353-5681

FAX: 519-353-5214

