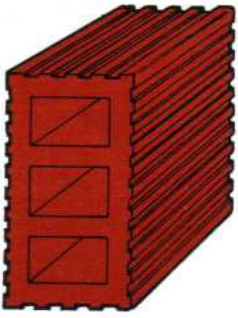


# Specifications for Structural Scored Partition Tile

 DD     2212 / 4212 / 6212		PROPERTIES OF PAISLEY SCORED PARTITION TILE, GRADE NB							
		Nominal Metric Width cm	5*	10	15	20	25	30	
		Code Number	2212-CB	4212	6212	8212	10212	12212	
		Number of Cells Thru Wall	1	1	1	2	2	2	
		Unit Wt. Kgm	5.5	6.8	9.1	12.7	14.5	16.1	
		% Solids	79	44	38	40	35	34	
		Compressive Strength Vertical Coring	Kgm/cm <sup>2</sup>	—	70	169	155	162	112
			Lbs/in <sup>2</sup>	—	1000	2400	2200	2300	1600
		Fire Resistance Hours **	Bare	—	—	½	1	1½	2
			Plaster 1 Side	½	¾	1	1½	2	3
			Plaster 2 Sides	¾	1	1½	2	3	3
		Equivalent Thickness	1.3	1.6	2.1	3.0	3.4	4.0	
		Thermal Transmission Factor "U" **	Bare	—	.40	.35	.31	.33	.30
			Plaster 1 Side	—	.39	.38	.30	.31	.29
			Plaster 2 Sides	—	.37	.32	.29	.29	.28
		Shell Thickness mm	16	16	16	16	16	16	
		Sound Loss Transmission (Stc Class) avg. **	Bare	—	39	44	48	48	49
			Plaster 1 Side	—	40	45	48	49	49
			Plaster 2 Sides	—	44	47	49	49	50
		All units conform to CSA A82.4-1954 or ASTM C56-62. Thermal coefficient of expansion 5.9 Millionths per °C. Plaster adhesion 2 Kgm/cm <sup>2</sup> . Dimensional tolerance ± 3%.							

## GENERAL RECOMMENDATIONS

- Structural Clay tile should be laid by skilled masons with the same degree of workmanship normally applicable to any good masonry product.
- If a performance specification is required which is not shown in this literature, state details.
- For normal construction, type N mortar is recommended.
- Use multiple unit construction where both sides of wall are to be accurate beyond normal manufacturing tolerances.
- Not recommended for exposed masonry within 8" of grade contact or in areas where heavy moisture content is prevalent during freezing conditions.
- Damp-proofing barriers are recommended where clay masonry is in direct contact with concrete.
- Protective or decorative finishes are not required on smooth face tile; however if desired, only products with proven performance on such tile should be considered and the manufacturer should be consulted regarding guarantees.
- Cleaning of finished walls should be in accordance with the recommendations of the Clay Masonry Manual, published by The Brick and Tile Institute of Ontario.