

HELPING YOU BUILD BETTER

MILBANK








CONCRETE PRODUCTS

Beam & Block Load/Span Tables T155

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155mm deep T beam (1 hour fire resistance)
Medium Density Infill blocks 1450kg/m³

Maximum Clear Span* in metres below allows for the characteristics
live loads as stated + Self weight + 1.8 kN/m² (75mm Screed) finishes
+ 1.00 kN/m² partition allowance

Beam centres(mm)	Block Spacing'		Self-Weight (kN/m2)	Imposed Live Load kN/m2							
				0.75	1.50	2.00	2.5	3.00	4.00	5.00	7.50
	510	W	1.78	3.75	3.50	3.30	3.20	3.05	2.85	2.70	2.35
	398	A	1.88	4.20	3.90	3.75	3.60	3.45	3.25	3.05	2.70
	285	N	2.06	4.95	4.60	4.40	4.20	4.15	3.80	3.60	3.15
	620	DW	2.11	4.70	4.40	4.20	4.05	3.90	3.65	3.45	3.05
	508	DA	2.26	5.15	4.80	4.60	4.45	4.25	4.00	3.80	3.35
	395	DN	2.50	5.70	5.35	5.15	4.95	4.80	4.50	4.25	3.75
	505	TN	2.75	6.10	5.70	5.50	5.30	5.10	4.80	4.75	4.05

*Clear span between supporting walls / **W = wid (440mm) A = Alternate (440+215) N = Narrow (215mm) /
DW = Double beams Wide / DA = Double beams Alternate / DN = Double beams Narrow / TN = Triple beams Narrow