


### 170MM SINGLE T BEAM & CONCRETE BLOCK SLAB

<b>S120 CONCRETE BLOCK</b> 500 x 220 x 120 mm		<b>Rib Centres 610mm</b> <b>Self Weight 3.53 kN/m<sup>2</sup></b>	<b>In-situ Concrete</b> <b>M of Inertia</b>	0.065 m <sup>3</sup> / m <sup>2</sup> 9.24E-05
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Loading limited by: [Moment](#), [Deflection](#), [Shear](#)

Wire Options	Ultimate Moment Mu	Ultimate Shear Vu																		
	kNm/m	Kn/m	2500	2700	2900	3100	3300	3500	3600	3800	4000	4200	4400	4500	4600	4800	5000	5100	5300	
3	20.2	70.9	9.0	8.4	7.6	6.3	5.9	5.2												
4	28.4	70.9							10.7	8.1	6.9	5.6	4.8	3.4	2.8	2.2	1.5	1.3	1.1	

### 170MM SINGLE T BEAM & POLY BLOCK SLAB

<b>PT125 POLY BLOCK</b> 440 x 800 x 125 mm		<b>Rib Centres 550mm</b> <b>Self Weight 1.7 kN/m<sup>2</sup></b>	<b>In-situ Concrete</b> <b>M of Inertia</b>	0.07 m <sup>3</sup> / m <sup>2</sup> 1.673E - 04 m <sup>4</sup> / m
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Loading limited by: [Moment](#), [Deflection](#), [Shear](#)

Wire Options	Ultimate Moment Mu	Ultimate Shear Vu																		
	kNm/m	Kn/m	2500	2700	2900	3000	3200	3400	3600	3800	4000	4200	4400	4600	4800	5000	5200			
3	17.1	48.2				8.2	7.1	6.1	5.3	4.6	4.1	3.6	3.1	2.8	2.4	2.1				
4	25.1	52.8							8.3	7.6	6.6	5.8	5.2	4.7	4.2	3.7	3.1			
5	30.3	56.8										6.1	5.9	5.3	4.8	4.3				

### 170MM DOUBLE T BEAM & CONCRETE BLOCK SLAB

<b>S120 CONCRETE BLOCK</b> 500 x 220 x 120 mm		<b>Rib Centres 720mm</b> <b>Self Weight 4.4 kN/m<sup>2</sup></b>	<b>In-situ Concrete</b> <b>M of Inertia</b>	0.09 m <sup>3</sup> / m <sup>2</sup> 3.04 E - 04 m <sup>4</sup> / m
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Loading limited by: [Moment](#), [Deflection](#), [Shear](#)

Wire Options	Ultimate Moment Mu	Ultimate Shear Vu																		
	kNm/m	Kn/m	2500	2700	2900	3100	3300	3500	3600	3800	4000	4200	4400	4500	4600	4800	5000	5100	5300	
3	31.7	70.9	13.7	11.9	11.2	10.5	9.9	9.4												
4	44	70.9							11.2	9.9	9.0	8.3	7.7	7.0	6.6	5.8	5.2	4.7	4.2	

**170MM DOUBLE T BEAM & POLY BLOCK SLAB**

<b>PT125 POLY BLOCK</b> 440 x 800 x 125 mm		<b>Rib Centres 660mm</b> <b>Self Weight 2.1 kN/m2</b>	<b>In-situ Concrete</b> 0.095 m3 / m2 <b>M of Inertia</b> 2.374E - 04 m4 / m
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Loading limited by: Moment, Deflection, Shear

Wire Options	Ultimate Moment	Ultimate Shear																		
	Mu kNm/m	Vu Kn/m	2500	2700	2900	3100	3400	3600	4000	4200	4400	4600	4800	5000	5200	5000	5200	5400	5600	
3	25.6	73.9					9.5	8.3	6.4	5.7	5.0	4.5	4.0	3.5	3.2					
4	37.4	79.4								9.2	8.1	7.3	6.5	5.9	5.3					
5	48.3	84.3												8.1	7.4					