

**255MM SINGLE RIB & CONCRETE BLOCK SLAB**

<b>S205 CONCRETE BLOCK</b> 500 x 220 x 205 mm		<b>Rib Centres 650mm</b> <b>Self Weight 4.61 kN/m<sup>2</sup></b>		<b>In-situ Concrete</b> 0.12 m <sup>3</sup> / m <sup>2</sup> <b>M of Inertia</b> 6.227 E - 04 m <sup>4</sup> / m

Loading limited by: **Moment**, **Deflection**, **Shear**

Wire Options	Ultimate Moment Mu kNm/m	Ultimate Shear Vu Kn/m																				
			3500	3600	4500	4600	4800	5000	5100	5300	5500	5700	5900	6000	6200	6400	6600	6800	7000	7200	7400	
3	33.8	26.7		6.2	4.4																	
4	45.8	29.9				5.1	4.7	4.4	4.1	3.9	3.6	3.4	3.3									
6	52.9	31.2												3.5	3.3	3.1	2.9	2.7	2.4	2.1		1.8

**255MM SINGLE RIB & POLY BLOCK SLAB**

<b>PT195 POLY BLOCK</b> 440 x 800 x 195 mm		<b>Rib Centres 590mm</b> <b>Self Weight 2.99 kN/m<sup>2</sup></b>		<b>In-situ Concrete</b> 0.122 m <sup>3</sup> / m <sup>2</sup> <b>M of Inertia</b> 1.97E - 04 m <sup>4</sup> / m

Loading limited by: **Moment**, **Deflection**, **Shear**

Wire Options	Ultimate Moment Mu kNm/m	Ultimate Shear Vu Kn/m																				
			4400	4600	4800	5000	5200	5400	5600	5800	6000	6200	6400	6600	6800	7000	7200	7400	7600			
3	34.7	36.4	7.1																			
4	46.3	40.4		9.1	8.2	7.4	6.7	6.1	5.5	5.0												
6	67.7	47.1									7.5	6.9	6.4	5.9	5.5	5	4.7	4.3				3.8