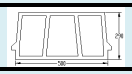
340MM SINGLE T BEAM & CONCRETE BLOCK SLAB

S290 CONCRETE BLOCK
500 x 220 x 290 mm



Rib Centres 610mm
Self Weight 6.01 kN/m2

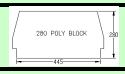
In-situ Concrete 0.135 m3 / m2
M of Inertia 11.819 E - 04 m4 / m
Wire 5mm Diam UTS 1950 Mpa

Loading limited by: Moment, Deflection, Shear

Wire Options	Ultimate Moment Mu kNm/m	Ultimate Shear Vu Kn/m	Qk Service Loads kN/m2 for given Spans SPAN mm																	
			3600	3800	4400	4800	5200	5600	6000	6200	6400	6600	6800	7000	7200	7400	7600	7800	8000	8200
3	37,8	43,2	8,9																	
4	56,7	47,7		10,1	8,6	7,3	6,4	5,8	6,3	5,8	5,3	5,0	4,7	4,3	4,0	3,6				
5	75,7	50,8														3,9	3,4	3,0	2,8	2,5

340MM SINGLE T BEAM & POLY BLOCK SLAB

PT280 POLY BLOCK
440 x 800 x 280 mm



Rib Centres 590mm
Self Weight 3.84 kN/m2

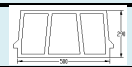
In-situ Concrete 0.138m3 / m2
M of Inertia 11.8197E - 04 m4 / m
Wire 5mm Diam UTS 1950 Mpa

Loading limited by: Moment, Deflection, Shear

Wire Options	Ultimate Moment Mu kNm/m	Ultimate Shear Vu Kn/m	Qk Service Loads kN/m2 for given Spans SPAN mm																	
			3600	3800	4400	4800	5200	5600	6000	6200	6400	6600	6800	7000	7200	7400	7600	7800	8000	8200
3	37,8	43,2	11,1																	
4	56,7	47,7						6,6	5,5	5,1	4,6	4,3	3,9	3,6	3,3					
5	75,7	50,8						9,1	7,9	7,3	6,7	6,4	6,0	5,5	5,1	4,8	4,4	4,1	3,6	

340MM DOUBLE T BEAM & CONCRETE BLOCK SLAB

S290 CONCRETE BLOCK
500 x 220 x 290mm



Rib Centres 720mm
Self Weight 7.51 kN/m2

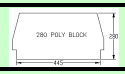
In-situ Concrete 0.155 m3 / m2
M of Inertia 17.39 E - 04 m4 / m
Wire 5mm Diam UTS 1950 Mpa

Loading limited by: Moment, Deflection, Shear

Wire Options	Ultimate Moment Mu kNm/m	Ultimate Shear Vu Kn/m	3600	3800	4400	4800	5200	5600	6000	6200	6400	6600	6800	7000	7200	7400	7600	7800	8000	8200
3																				
4																				
5																				

340MM DOUBLE T BEAM & POLY BLOCK SLAB

PT280 POLY BLOCK
440 x 800 x 280 mm



Rib Centres 660mm
Self Weight 3.38kN/m2

In-situ Concrete 0.158 m3 / m2
M of Inertia 17.025 E - 04 m4 / m
Wire 5mm Diam UTS 1950 Mpa

Loading limited by: Moment, Deflection, Shear

Wire Options	Ultimate Moment Mu kNm/m	Ultimate Shear Vu Kn/m	3600	3800	4400	4800	5200	5600	6000	6200	6400	6600	6800	7000	7200	7400	7600	7800	8000	8200
3	57,1	70,3																		
4	85,6	80,7																		
5	114,1	90,1																		