

Hollowcore Slab

Safe Load Table for Hollowcore

Precast Slab Depth (mm)	Structural Topping Depth (mm)	Total Depth (mm)	Self Weight (kN/sq.m)	Effective Spans (m)													
				4m	5m	6m	7m	8m	9m	10m	11m	12m	13m	14m	15m	16m	
				Super-Imposed Unfactored Live Load Capacities kN/sq.m													
150	0	150	2.75	15.50	11.00	7.00	4.50										
200	0	200	3.00	15.50	12.00	10.00	7.50	6.00	4.50								
250	0	250	3.32	22.50	18.00	14.50	11.50	9.50	7.00	5.00	4.00						
300	0	300	3.91			17.00	14.50	12.50	11.00	8.00	6.00	4.50	3.00				
400	0	400	4.70						17.50	15.50	13.50	10.50	8.00	6.50	5.00	4.00	
150	75	225	4.63	19.00	15.00	10.50	5.50	2.00									
200	75	275	4.88	14.00	10.50	8.50	6.50	5.50	4.00								
250	75	325	5.20	21.00	16.50	13.00	11.00	9.00	8.00	5.50	3.50						
300	75	375	5.79			15.50	13.00	11.00	9.50	9.00	6.50	4.00	2.50				
400	75	475	6.58						16.50	14.00	12.50	11.00	9.50	7.00	5.00	4.00	

Values shown are for guidance. Consult Flood Precast Technical Office regarding specific design queries.

The units themselves are manufactured at a width of 1200mm and depths of 150mm,200mm,250mm,300mm and 400mm.