

WIDE SLABS PROPERTIES

Floor Type	Precast Depth(mm)	In-situ Depth(mm)	Composite Depth(mm)	Floor Self Weight including Screed (kN/m ²)	Prop Location
150/60	90	60	150	3.54	Consult Design Department
175/75	100	75	175	4.13	Consult Design Department
200/85	115	85	200	4.72	Consult Design Department
225/100	125	100	225	5.31	Consult Design Department
250/100	150	100	250	5.90	Consult Design Department

WIDE SLABS LOAD SPAN TABLES

- The allowable span (mm) for each floor depth may be read from under the applied live load in each case. The allowable span is the maximum permitted distance between support centres. These figures may be increased under certain circumstances of spans and loadings by provision of additional prestressing strands to the slab. Please consult our design department for further information.
- Figures tabulated include an allowance for self-weight of the composite floor slab. No allowance is taken for floor finishing screeds, partitions, services, ceilings etc.
- The table is not intended as a substitute for design. Further considerations of concentrated loading, openings, notches, camber, deflection, conditions of handling and transportation may limit the permitted spans tabulated. Please contact our design department to discuss all design considerations.

Floor Type	Composite Depth(mm)	Applied Live Load – Kn/m ²						
		1.50	2.00	2.50	3.00	4.00	5.00	7.50
150/60	150	5300	5100	4950	4750	4550	4300	3900
175/75	175	6600	6400	6200	6000	5700	5500	5000
200/85	200	7700	7600	7450	7300	7150	6850	6100
225/100	225	8250	8000	7900	7800	7500	7350	6700
250/100	250	8800	8650	8500	8400	8100	7800	7200