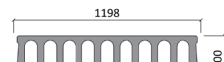
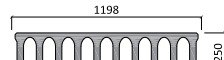
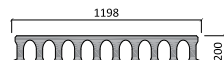
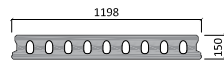
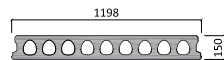
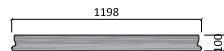


Hollowcore Load Span Tables (m)



Dead Load (kN/m ²)												
1.80 (Screed & Finishes) + 0.30 (Ceiling & Services)												
User Category A				User Category C/D				User Category E				
Domestic, Residential				Congregation Areas / Shopping				Storage Areas				
Characteristic Service / Imposed Load (kN/m ²)												

Name	Type	Self Weight*	0.75	1.50	2.00	2.50	3.00	4.00	5.00	5.00	7.50	10.00	15.00
L100	100mm Deep Solid	245kg/m ²	4.90	4.90	4.90	4.75	4.20	3.95	3.75	3.50	3.15	2.90	2.55
L150	150mm Deep Standard	256kg/m ²	7.40	7.40	7.40	7.40	6.55	6.15	5.85	5.45	4.85	4.45	3.90
L150E	150mm Deep Acoustic	305kg/m ²	7.40	7.40	7.40	7.40	6.60	6.20	5.90	5.50	4.95	4.55	4.00
L200	200mm Deep	304kg/m ²	9.90	9.90	9.90	9.70	8.55	8.05	7.65	7.15	6.40	5.90	5.20
L250	250mm Deep	356kg/m ²	12.40	12.05	11.60	11.20	10.30	9.75	9.30	8.70	7.80	7.20	6.35
L300	300mm Deep	404kg/m ²	14.00	13.20	12.75	12.35	11.90	11.30	10.75	10.10	9.10	8.40	7.40



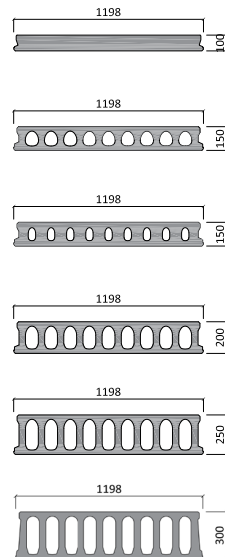
*Self weights inclusive of infill between units NB. Table shows clear spans. Figures are shown for guidance only. Consideration must be made for the effect of upward deflection (camber), downward deflection, partitions, additional finishes, services etc. Hollowcore achieves minimum 1hr fire rating. 2hr rating may be achieved but must be discussed with our office (spans will be effected).

Hollowcore Load Span Tables (m) with Composite Topping



Dead Load (kN/m ²)														
1.80 (Screed & Finishes) + 0.30 (Ceiling & Services)														
User Category A					User Category C/D					User Category E				
Domestic, Residential					Congregation Areas / Shopping					Storage Areas				
Characteristic Service / Imposed Load (kN/m ²)														

Name	Type	Self Weight*	Composite Topping	0.75	1.50	2.00	2.50	3.00	4.00	5.00	5.00	7.50	10.00	15.00
L100	100mm Deep Solid	245kg/m ²	50mm	4.90	4.90	4.65	4.35	4.10	3.65	3.30	3.30	2.65	2.25	1.70
			75mm	4.90	4.90	4.90	4.65	4.40	3.95	3.60	3.60	2.95	2.50	1.90
			100mm	4.90	4.90	4.90	4.90	4.90	4.45	4.05	4.05	3.35	2.85	2.20
L150	150mm Deep Standard	256kg/m ²	50mm	7.40	6.65	6.20	5.85	5.50	4.90	4.45	4.45	3.60	3.05	2.35
			75mm	7.40	7.15	6.70	6.30	5.95	5.35	4.90	4.90	4.00	3.40	2.60
			100mm	7.40	7.40	7.10	6.70	6.35	5.75	5.25	5.25	4.35	3.70	2.90
L150E	150mm Deep Acoustic	305kg/m ²	50mm	6.95	6.25	5.85	5.50	5.20	4.70	4.25	4.25	3.50	2.95	2.30
			75mm	7.40	6.70	6.30	5.95	5.65	5.10	4.70	4.70	3.85	3.30	2.55
			100mm	7.40	7.10	6.70	6.35	6.05	5.50	5.05	5.05	4.20	3.60	2.80
L200	200mm Deep	304kg/m ²	50mm	9.20	8.25	7.75	7.30	6.90	6.20	5.60	5.65	4.65	3.95	3.05
			75mm	9.50	8.60	8.10	7.65	7.25	6.55	6.00	6.00	4.95	4.25	3.30
			100mm	9.75	8.90	8.40	7.95	7.55	6.90	6.35	6.35	5.25	4.50	3.50
L250	250mm Deep	356kg/m ²	50mm	10.75	9.70	9.15	8.65	8.20	7.40	6.75	6.75	5.60	4.80	3.75
			75mm	10.90	9.95	9.40	8.90	8.45	7.70	7.05	7.05	5.90	5.05	4.00
			100mm	11.10	10.15	9.60	9.15	8.70	7.95	7.35	7.35	6.15	5.30	4.20
L300	300mm Deep	404kg/m ²	50mm	12.30	11.20	10.55	10.00	9.50	8.65	7.95	7.95	6.60	5.70	4.45
			75mm	12.25	11.20	10.65	10.10	9.60	8.80	8.10	8.10	6.80	5.85	4.65
			100mm	12.35	11.35	10.80	10.25	9.80	9.00	8.35	8.35	7.00	6.10	4.85



*Self weights inclusive of infill between units NB. Table shows clear spans. Figures are shown for guidance only. Consideration must be made for the effect of upward deflection (camber), downward deflection, partitions, additional finishes, services etc. Hollowcore achieves minimum 1hr fire rating. 2hr rating may be achieved but must be discussed with our office (spans will be effected).