

# Flood Omnia Slab

## SAFE LOAD TABLE FOR FLOOD REINFORCED OMNIA SLAB

Precast Slab Depth (mm)	Screed Depth (mm)	Total Depth (mm)	Effective Spans (m)								
			1m	1.5m	2m	2.5m	3m	3.5m	4m	4.5m	5m
Super-Imposed Unfactored Live Load kN/m <sup>2</sup>											
50	75	125	30.00	25.00	5.00	2.50					
60	75	135	35.00	30.00	10.00	5.00	2.00				
70	75	145	40.00	35.00	15.00	10.00	5.00	1.50			
80	75	155	40.00	35.00	17.00	12.00	7.50	3.00	1.50		
90	75	165	40.00	35.00	20.00	15.00	10.00	5.00	2.50	1.00	
100	75	175	40.00	35.00	25.00	18.00	12.00	7.50	3.50	1.50	1

 Flood Reinforced Omnia Slab Unpropped

 Flood Reinforced Omnia Slab Propped in temporary condition.

### Notes

1. Values are based on 25mm cover to the rebar.
2. Limitations of span/depth = 38 for occupancy comfort.
3. The Table shows typically supported effective spans in metres. Where continuity is available over the supports the effective span can be increased from the values shown (Consult the Flood Precast Technical Office).
4. These values are based on a Flood Omnia system which requires structural propping in some temporary conditions.
5. Values shown are for guidance. Consult Flood Precast Technical office regarding specific design queries.
6. Void formers can also be incorporated into the manufacturing process to reduce the self weight of deeper slabs/structural screeds