

Hollowcore Slab Depth (mm)	Live Load (kN/m ²)	1.5	2.0	2.5	3.0	4.0	5.0
		Maximum Allowable Clear Span (m) ¹					
150mm	Non-Structural Screed ²	7.1	6.8	6.5	6.3	5.9	5.6
	75mm Structural Screed (No Props) ³	7.7	7.5	7.3	7.1	6.8	6.6
200mm	Non-Structural Screed ²	8.0	7.6	7.3	7.0	6.6	6.2
	75mm Structural Screed (No Props) ³	8.5	8.3	8.1	7.9	7.5	7.2

Notes:

- 1 Maximum allowable clear spans are based on our standard configurations of prestressing strands. Longer spans are achievable using alternative strand configurations.
- 2 Includes allowance for 75mm deep non-structural screed as an additional dead load.
- 3 Longer spans are achievable with a simple arrangement of props.

Our hollowcore slabs can also support blockwork walls constructed on them.

Please contact our team of experienced chartered structural engineers to discuss your specific requirements such as:

- increasing spans beyond those indicated above using alternative strand configurations or by introducing props when casting a structural screed;
- allowing for greater live loads than those indicated above;
- allowing for line loads from blockwork walls constructed on the hollowcore slabs;
- allowing for openings and service penetrations in the hollowcore slabs;
- providing support to precast concrete stair flights;
- using hollowcore slabs as landings or half-landings.