Un-propped Span

Construction Loads Only

(Maximum spans shown)

ULTRAfloor®

www.ultrafloor.com

FOR PRELIMINARY PROPPING ASSESSMENT ONLY

Fibre Cement Infill (1.0kPa Construction LL)

Beam	Slab Depth	400 Infill	500 Infill	600 Infill
130R	190	4000 mm	3700 mm	3500 mm
150R	210	4550 mm	4300 mm	4050 mm
200R	260	5850 mm	5500 mm	5250 mm
130M	190	4850 mm	4600 mm	4350 mm
250M	310	8550 mm	8200 mm	7900 mm
150C	210	5950 mm	5700 mm	5450 mm
200C	260	7650 mm	7350 mm	7100 mm
250C	310	9450 mm	9150 mm	8800 mm

Metal Infill (1.0kPa Construction LL)

Beam	Slab Depth	660 Infill	965 Infill	1270 Infill
130R	200	3250 mm	2750 mm	2450 mm
150R	220	3800 mm	3250 mm	2900 mm
200R	270	4900 mm	4250 mm	3800 mm
130M	200	4100 mm	3550 mm	3200 mm
250M	320	7500 mm	6650 mm	6000 mm
150C	220	5150 mm	4550 mm	4150 mm
200C	270	6750 mm	6050 mm	5500 mm
250C	320	8400 mm	7550 mm	6900 mm

General Design Notes:

1. Spans are based on un-propped systems.
2. Concrete topping over the beams - Fibre Cement infill = 60mm
3. Concrete topping over the beams - Metal Infill = 70mm
4. The supporting structure is a 150mm wide concrete wall.
5. Quoted slab spans are measured from the centre of each support.
6. Where deflections govern, spans are based on a total short term Δ = span/270.

Detailed Design:

For detailed designs including self weight of Ultrafloor slabs please use our slab design software (www.ultrafloor.com) or contact our design department on 1800 858 723.