

## LOAD DEFLECTION TABLES

1 / 480 Deflection criteria									
Description	5 kN / m <sup>2</sup> loading			2 kN / m <sup>2</sup> loading			1.5 kN / m <sup>2</sup> loading		
	Actual Deflection (mm)	Length (mm)	Deflection Limit (mm)	Actual Deflection (mm)	Length (mm)	Deflection Limit (mm)	Actual Deflection (mm)	Length (mm)	Deflection Limit (mm)
120 Joist	3.6	1800	3.8	4.5	2400	5.0	5.4	2700	5.6
70 Joist	2.1	1100	2.3	2.8	1500	3.1	3.5	1700	3.5
20 Joist	0.8	500	1.0	1.3	700	1.5	1.6	800	1.7
30mm Board	2.2	1000	2.1	2.5	1300	2.7	2.9	1450	3.0

1 / 360 Deflection criteria									
Description	5 kN / m <sup>2</sup> loading			2 kN / m <sup>2</sup> loading			1.5 kN / m <sup>2</sup> loading		
	Actual Deflection (mm)	Length (mm)	Deflection Limit (mm)	Actual Deflection (mm)	Length (mm)	Deflection Limit (mm)	Actual Deflection (mm)	Length (mm)	Deflection Limit (mm)
120 Joist	5.5	2000	5.6	7.2	2700	7.5	8.3	3000	8.3
70 Joist	2.9	1200	3.3	4.7	1700	4.7	4.4	1800	5.0
20 Joist	1.7	600	1.7	2.2	800	2.2	2.1	850	2.4
30mm Board	2.7	1050	2.9	3.4	1400	3.9	4.3	1600	4.4

### Tested at 5kN/m<sup>2</sup> Distributed Load @ 1 / 480 Deflection criteria

Description	Cradle Support Spacing (mm)
120 Joist	1800
70 Joist	1100
20 Joist	500

Description	Joist Spacing (mm)
30mm Board	1000