

LOAD DEFLECTION TABLES

1 / 480 Deflection criteria									
Description	5 kN / m ² loading			2 kN / m ² loading			1.5 kN / m ² 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 ² loading			2 kN / m ² loading			1.5 kN / m ² 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/m² 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

Whilst every effort has been made to ensure the accuracy of the information supplied. F.H. Brundle cannot be held responsible for any errors or omissions. This product must only be employed for its original intended use. Any other use is wrong and potentially dangerous. Installation must be carried out in full compliance with current regulations. F.H. Brundle cannot be held liable for any damages resulting from wrongful, erroneous or negligent use.