

Long Span Decking - Span Table

Product	Width x Depth (mm)	1kN vibrational governed ¹ (mm)	Vibrational limits with Continuous Beam (mm)	Higher Vibrational limitations ² (mm)	Cantilever 1kN vibrational governed ^{1,3} (mm)
WS8-90 GL8	310 x 90	2223	2446	1867	600
WS8-65 GL8	310 x 65	1556	1712	1307	400
WS8-90 GL8	210 x 90	1953	2148	1640	500
WS8-65 GL8	210 x 65	1367	1504	1148	350

¹ 1kN with 1.52mm deflection – based on equivalent response of floor panel as per Woodspan design guide. We note this is likely to feel lively and bouncy but meets the criteria of NZS1170 and is deemed to be OK for decking and pathways.

² We recommend using the higher vibrational span to limit the response to below 1mm for a more rigid feel.

³ Based on a minimum back-span of 2 x cantilever span.

