

# Selection Charts

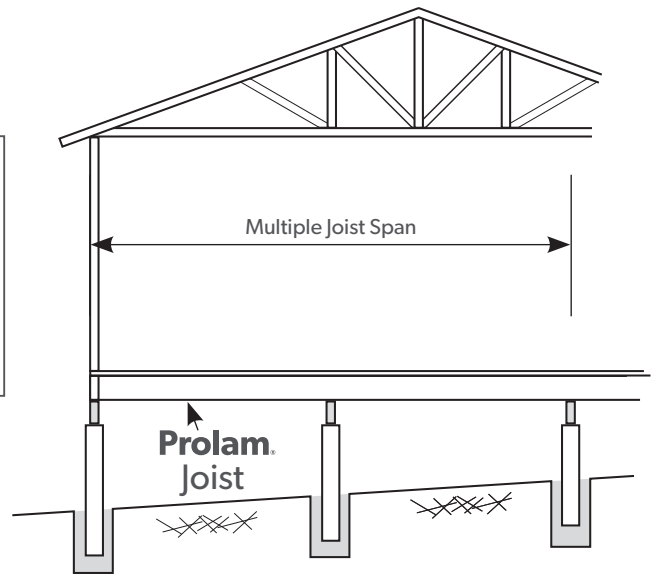
**Table 13b**

**Floor Joists PL12.**

<b>Loads:</b>	<b>Deck</b>	<b>0.5 kPa</b>
	<b>Live</b>	<b>1.5 kPa</b>
		<b>1.8 kN</b>
<b>Deflection Limits:</b>	<b>Long Term span/350</b>	<b>or 12 mm</b>
	<b>Short Term span/350</b>	<b>or 9 mm</b>
		<b>1kN 2mm</b>

**Notes:**

1. Timber grade PL12 – dry use.
2. Joists do not support roof loads.
3. Spans may be increased by 10% for joists continuous over 2 or more equal spans.
4. Blocking required in accordance with NZS3604:2011 Clause 7.1.2.



Joist Size		Floor Joists Single Span (m)			
		Joist Spacing (mm)			
		400	450	600	
PL12	PL12H3-15050	140 x 42mm	2.90	2.80	2.30
	PL12H3-20050	190 x 42mm	3.80	3.75	3.45
	PL12H3-25050	240 x 42mm	4.85	4.70	4.25
	PL12H3-30050	290 x 42mm	5.75	5.55	5.15
	PL12H3-35050	315 x 42mm	6.10	5.90	5.50
	PL12H3-40050	360 x 42mm	6.75	6.55	6.10
	PL12H3-45050	405 x 42mm	7.35	7.15	6.65
	PL12H3-15075	140 x 63mm	3.40	3.25	2.70
	PL12H3-20075	190 x 63mm	4.45	4.35	3.95
	PL12H3-25075	240 x 63mm	5.50	5.35	4.90
	PL12H3-30075	290 x 63mm	6.35	6.15	5.75
	PL12H3-40075	360 x 63mm	7.45	7.25	6.75
	PL12H3-45075	405 x 63mm	8.15	7.90	7.35

These span tables apply only to Prolam products