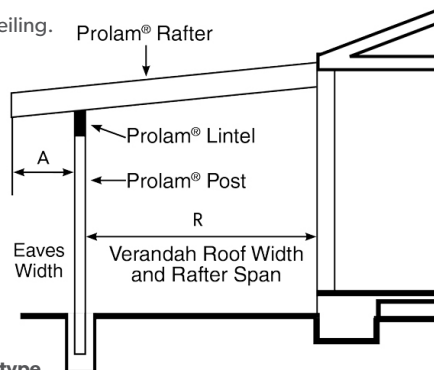


# Selection Charts

**Table 4**
**Prolam® Verandah Rafter (Wet USE)** supporting roof without ceiling.

Rafter Spacing (m)	0.6	0.75	0.9	1.0	1.2
Rafter Size	Maximum Rafter Span (m)				
<b>PLVL8H3-10050</b> 88 x 42mm	1.0	1.0	1.0	0.9	0.9
	B	B	B	B	B
<b>PLVL8H3-15050</b> 140 x 42mm	2.3	2.2	2.2	2.2	2.1
	B	B	B	B	B
<b>PLVL8H3-20050</b> 190 x 42mm	3.7	3.5	3.4	3.4	3.2
	B	B	B	B	B
<b>PLVL8H3-25050</b> 240 x 42mm	4.9	4.7	4.6	4.5	4.2
	B	B	B	B	B
<b>PLVL8H3-30050</b> 290 x 42mm	6.1	5.8	5.5	5.3	5.1
	B	B	B	B	C
<b>PLVL8H3-35050</b> 315 x 42mm	6.6	6.2	5.9	5.8	5.5
	B	B	B	C	C
<b>PLVL8H3-40050</b> 360 x 42mm	7.2	6.9	6.6	6.4	6.1
	B	B	C	C	C


**Fixing type**

- B 2/100 x 3.75 skewed nails and 1 wire dog or 2.7kN connection
- C 2/100 x 3.75 skewed nails and 2 wire dog or 4.7kN connection

End fixing to resist uplift - Refer also to NZS3604:2011

Rafter Spacing (m)	0.6	0.75	0.9	1.0	1.2
Rafter Size	Maximum Rafter Span (m)				
<b>PLVL8H3-10075</b> 88 x 63mm	1.5	1.4	1.4	1.4	1.4
	B	B	B	B	B
<b>PLVL8H3-15075</b> 140 x 63mm	3.3	3.2	3.1	3.0	2.8
	B	B	B	B	B
<b>PLVL8H3-20075</b> 190 x 63mm	4.5	4.3	4.1	4.0	3.8
	B	B	B	B	B
<b>PLVL8H3-25075</b> 240 x 63mm	5.6	5.3	5.1	5.0	4.7
	B	B	B	B	B
<b>PLVL8H3-30075</b> 290 x 63mm	6.6	6.3	6.1	5.9	5.7
	B	B	B	B	C
<b>PLVL8H3-35075</b> 315 x 63mm	7.0	6.8	6.6	6.4	6.1
	B	B	B	C	C
<b>PLVL8H3-40075</b> 360 x 63mm	7.7	7.4	7.2	7.1	6.8
	B	B	C	C	C

Rafter Spacing (m)	0.6	0.75	0.9	1.0	1.2
Rafter Size	Maximum Rafter Span (m)				
<b>PLVL8H3-100100</b> 88 x 88mm	2.0	1.9	1.9	1.9	1.8
	B	B	B	B	B
<b>PLVL8H3-150100</b> 140 x 88mm	3.7	3.5	3.4	3.3	3.1
	B	B	B	B	B
<b>PLVL8H3-200100</b> 190 x 88mm	4.9	4.7	4.5	4.4	4.2
	B	B	B	B	B
<b>PLVL8H3-250100</b> 240 x 88mm	6.0	5.8	5.5	5.4	5.2
	B	B	B	B	C
<b>PLVL8H3-300100</b> 290 x 88mm	7.0	6.8	6.5	6.4	6.1
	B	B	B	C	C
<b>PLVL8H3-350100</b> 315 x 88mm	7.3	7.1	6.9	6.8	6.6
	B	B	B	C	C
<b>PLVL8H3-400100</b> 360 x 88mm	8.0	7.8	7.6	7.5	7.3
	B	B	C	C	C

Note: The design parameters are specified in the design data page.

 For different parameters, refer to Prolam Online Specifier at [specifier.prolamnz.com](https://specifier.prolamnz.com)
**These span tables apply only to Prolam products**