

# Selection Charts

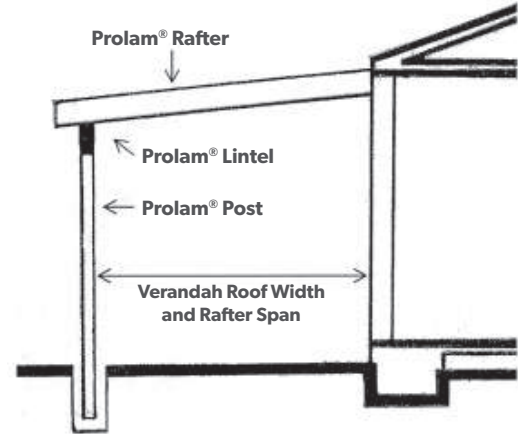
**Table 7**

**Verandah Rafters (Visual).**

Light roof – no ceiling – snow loading 0.5 kPa – high wind zone – Glulam Grade PL8.

Rafter Size	Maximum Rafter Span (m)				
	Rafter Spacing (m)				
	0.6	0.75	0.9	1.0	1.2
<b>PLVL8H3-10050</b> 88 x 42mm	1.80	1.75	1.75	1.70	1.70
<b>PLVL8H3-15050</b> 140 x 42mm	3.30	3.00	2.75	2.60	2.40
<b>PLVL8H3-20050</b> 190 x 42mm	3.75	3.30	3.05	2.905	2.65
<b>PLVL8H3-25050</b> 240 x 42mm	4.05	3.60	3.30	3.15	2.85
<b>PLVL8H3-30050</b> 290 x 42mm	4.30	3.80	3.50	3.30	3.00
<b>PLVL8H3-35050</b> 315 x 42mm	4.65	4.10	3.75	3.60	3.25
<b>PLVL8H3-10050</b> 88 x 42mm	B	B	B	B	B
<b>PLVL8H3-15050</b> 140 x 42mm	B	B	B	B	B
<b>PLVL8H3-20050</b> 190 x 42mm	B	B	B	B	B
<b>PLVL8H3-25050</b> 240 x 42mm	B	B	B	B	B
<b>PLVL8H3-30050</b> 290 x 42mm	B	B	B	B	C
<b>PLVL8H3-35050</b> 315 x 42mm	B	B	B	C	C

Rafter Size	Maximum Rafter Span (m)				
	Rafter Spacing (m)				
	0.6	0.75	0.9	1.0	1.2
<b>PLVL8H3-150100</b> 140 x 88mm	4.15	3.90	3.75	3.65	3.40
<b>PLVL8H3-200100</b> 190 x 88mm	5.15	4.85	4.65	4.55	4.35
<b>PLVL8H3-250100</b> 240 x 88mm	5.75	5.30	5.05	4.85	4.55
<b>PLVL8H3-300100</b> 290 x 88mm	7.00	6.60	6.35	6.15	5.90
<b>PLVL8H3-350100</b> 315 x 88mm	7.85	7.40	7.10	6.90	6.60
<b>PLVL8H3-150100</b> 140 x 88mm	B	B	B	C	C
<b>PLVL8H3-200100</b> 190 x 88mm	B	C	C	C	C
<b>PLVL8H3-250100</b> 240 x 88mm	B	C	C	C	C
<b>PLVL8H3-300100</b> 290 x 88mm	C	C	C	C	D
<b>PLVL8H3-350100</b> 315 x 88mm	C	C	D	D	D



Fixing type	End fixing to resist uplift
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
D	2/100 x 3.75 skewed nails and 3 wire dog or 6.7kN connection

Rafter Size	Maximum Rafter Span (m)				
	Rafter Spacing (m)				
	0.6	0.75	0.9	1.0	1.2
<b>PLVL8H3-15075</b> 140 x 63mm	3.80	3.50	3.30	3.20	3.00
<b>PLVL8H3-20075</b> 190 x 63mm	4.75	4.45	4.30	4.20	4.00
<b>PLVL8H3-25075</b> 240 x 63mm	5.15	4.75	4.50	4.35	4.10
<b>PLVL8H3-30075</b> 290 x 63mm	6.45	6.05	5.80	5.65	5.25
<b>PLVL8H3-35075</b> 315 x 63mm	7.25	6.80	6.25	5.95	5.45
<b>PLVL8H3-15075</b> 140 x 63mm	B	B	B	B	B
<b>PLVL8H3-20075</b> 190 x 63mm	B	B	B	C	C
<b>PLVL8H3-25075</b> 240 x 63mm	B	B	B	C	C
<b>PLVL8H3-30075</b> 290 x 63mm	B	C	C	C	C
<b>PLVL8H3-35075</b> 315 x 63mm	C	C	C	C	C

These span tables apply only to Prolam products