

Selection Charts

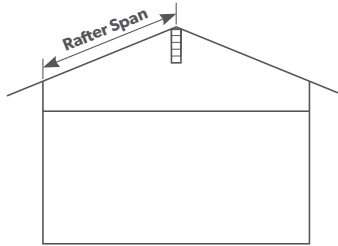


Table 3

Prolam® Rafter for internal use supporting roof and ceiling.

Rafter Spacing (m)	0.6	0.75	0.9	1.0	1.2	Rafter Spacing (m)	0.6	0.75	0.9	1.0	1.2
Rafter Size	Maximum Rafter Span (m)					Rafter Size	Maximum Rafter Span (m)				
PLVL8H3-15075 140 x 63mm	3.3	3.0	2.9	2.8	2.6	PLVL8H3-15050 140 x 42mm	2.6	2.5	2.4	2.4	2.3
	B	B	B	B	B		B	B	B	B	B
PLVL8H3-20075 190 x 63mm	4.4	4.1	3.9	3.8	3.6	PLVL8H3-20050 190 x 42mm	3.9	3.6	3.5	3.3	3.2
	B	B	B	B	B		B	B	B	B	B
PLVL8H3-25075 240 x 63mm	5.4	5.1	4.9	4.7	4.5	PLVL8H3-25050 240 x 42mm	4.9	4.6	4.3	4.2	4.0
	B	B	B	B	B		B	B	B	B	B
PLVL8H3-30075 290 x 63mm	6.5	6.1	5.8	5.7	5.4	PLVL8H3-30050 290 x 42mm	5.8	5.5	5.2	5.1	4.8
	B	B	B	B	B		B	B	B	B	B
PLVL8H3-35075 315 x 63mm	6.9	6.6	6.3	6.1	5.8	PLVL8H3-35050 315 x 42mm	6.3	5.9	5.6	5.5	5.2
	B	B	B	B	B		B	B	B	B	B
PLVL8H3-40075 360 x 63mm	7.5	7.3	7.0	6.9	6.6	PLVL8H3-40050 360 x 42mm	7.0	6.7	6.4	6.2	5.9
	B	B	B	B	C		B	B	B	B	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

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

For different parameters, refer to Prolam Online Specifier at specifier.prolamnz.com

These span tables apply only to Prolam products