

Selection Charts

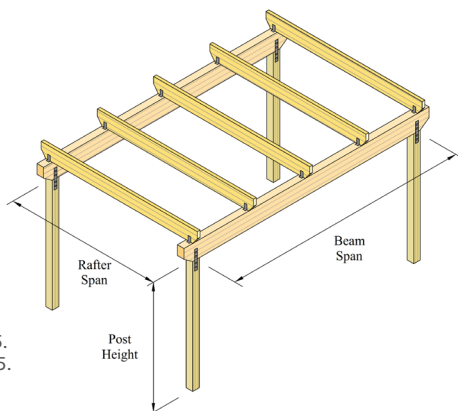
Table 4

PL12 Prolam® Pergola Rafters

Tables are for wind zones up to High.

For Very High wind zone, multiply the maximum beam spans by 0.85.

For Extra High wind zone, multiply the maximum beam spans by 0.75.



Rafter Spacing (mm)		600	750	900	1000	1200
Rafter Size		Maximum Rafter Span (m)				
PL12	PLVL12H3-10050 88 x 42mm	1.5	1.4	1.4	1.4	1.4
	PLVL12H3-15050 140 x 42mm	3.5	3.4	3.4	3.4	3.3
	PLVL12H3-20050 190 x 42mm	5.6	5.5	5.4	5.2	4.7
	PLVL12H3-25050 240 x 42mm	6.0*	6.0*	6.0*	6.0*	5.8
	PLVL12H3-30050 290 x 42mm	6.0*	6.0*	6.0*	6.0*	6.0*
	PLVL12H3-10075 88 x 63mm	2.2	2.2	2.1	2.1	2.1
	PLVL12H3-15075 140 x 63mm	5.1	4.9	4.7	4.6	4.4
	PLVL12H3-20075 190 x 63mm	6.0*	6.0*	6.0*	6.0*	5.9
	PLVL12H3-25075 240 x 63mm	6.0*	6.0*	6.0*	6.0*	6.0*
	PLVL12H3-100100 88 x 88mm	3	2.9	2.9	2.9	2.8
	PLVL12H3-150100 140 x 88mm	5.4	5.2	5.1	5	4.8
	PLVL12H3-200100 190 x 88mm	6.0*	6.0*	6.0*	6.0*	6.0*

*The beam lengths have been limited to a maximum of 6m.

These span tables apply only to Prolam products