

CLEARVUE ROOFING VALUES REFLECTING SNOW LOAD LIMIT OF 1kPa

Maximum Allowable Spans - Rafter Configurations with PSP ClearVue Acrylic Panels							
Rafter Type	Acrylic Thickness (mm)	Max Rafter Spacing (mm)	Wind Zone from NZS 3604:2011				
			Extra High	Very High	High	Medium	Low
Aluminium Span Bar	6.0	600	4.5	4.9	5.6	6.0	6.0
Aluminium Span Bar	8.0	750	4.0	4.4	5.0	5.4	5.4
50x 100 Timber MSG8	6.0	600	1.9	2.1	2.4	2.6	2.6
50x 100 Timber MSG8	8.0	750	1.7	1.9	2.1	2.3	2.3
50 x 150 Timber MSG8	6.0	600	3.0	3.3	3.7	4.0	4.0
50 x 150 Timber MSG8	8.0	750	2.6	2.9	3.3	3.6	3.6
50 x 200 Timber MSG8	6.0	600	4.0	4.4	5.0	5.4	5.4
50 x 200 Timber MSG8	8.0	750	3.6	3.9	4.5	4.8	4.8
50 x 250 Timber MSG8	6.0	600	5.1	5.6	6.3	6.8	6.8
50 x 250 Timber MSG8	8.0	750	4.5	5.0	5.7	6.1	6.1

Maximum Allowable Spans - Rafter and Purlin Configurations with 6 mm PSP ClearVue Acrylic Panels at Max 600 mm Centres							
Rafter Type	Max Rafter Spacing (mm)	Max Purlin Spacing (mm)	Wind Zone from NZS 3604:2011				
			Extra High	Very High	High	Medium	Low
50 x 150 Timber MSG8	600	Max Rafter Length (m)	3.0	3.3	3.7	4.0	4.0
		Max Purlin Spacing (m)	1.0	1.2	1.3	1.4	1.4
50 x 200 Timber MSG8	600	Max Rafter Length (m)	4.0	4.4	5.0	5.4	5.4
		Max Purlin Spacing (m)	1.0	1.2	1.3	1.4	1.4
50 x 250 Timber MSG8	600	Max Rafter Length (m)	5.1	5.6	6.3	6.8	6.8
		Max Purlin Spacing (m)	1.0	1.2	1.3	1.4	1.4
50 x 150 Timber MSG8	750	Max Rafter Length (m)	2.6	2.9	3.3	3.6	3.6
		Max Purlin Spacing (m)	1.0	1.2	1.3	1.4	1.4
50 x 200 Timber MSG8	750	Max Rafter Length (m)	3.6	3.9	4.5	4.8	4.8
		Max Purlin Spacing (m)	1.0	1.2	1.3	1.4	1.4
50 x 250 Timber MSG8	750	Max Rafter Length (m)	4.5	5.0	5.7	6.1	6.1
		Max Purlin Spacing (m)	1.0	1.2	1.3	1.4	1.4
50 x 150 Timber MSG8	900	Max Rafter Length (m)	2.4	2.7	3.0	3.3	3.3
		Max Purlin Spacing (m)	1.0	1.2	1.3	1.4	1.4
50 x 200 Timber MSG8	900	Max Rafter Length (m)	3.3	3.6	4.1	4.4	4.4
		Max Purlin Spacing (m)	1.0	1.2	1.3	1.4	1.4
50 x 250 Timber MSG8	900	Max Rafter Length (m)	4.1	4.6	5.2	5.6	5.6
		Max Purlin Spacing (m)	1.0	1.2	1.3	1.4	1.4

Maximum Allowable Spans - Rafter and Purlin Configurations with 8 mm PSP ClearVue Acrylic Panels at Max 750 mm Centres							
Rafter Type	Max Rafter Spacing (mm)	Max Purlin Spacing (mm)	Wind Zone from NZS 3604:2011				
			Extra High	Very High	High	Medium	Low
50 x 150 Timber MSG8	600	Max Rafter Length (m)	3.0	3.3	3.7	4.0	4.0
		Max Purlin Spacing (m)	0.8	1.0	1.3	1.4	1.4
50 x 200 Timber MSG8	600	Max Rafter Length (m)	4.0	4.4	5.0	5.4	5.4
		Max Purlin Spacing (m)	0.8	1.0	1.3	1.4	1.4
50 x 250 Timber MSG8	600	Max Rafter Length (m)	5.1	5.6	6.3	6.8	6.8
		Max Purlin Spacing (m)	0.8	1.0	1.3	1.4	1.4
50 x 150 Timber MSG8	750	Max Rafter Length (m)	2.6	2.9	3.3	3.6	3.6
		Max Purlin Spacing (m)	0.8	1.0	1.3	1.4	1.4
50 x 200 Timber MSG8	750	Max Rafter Length (m)	3.6	3.9	4.5	4.8	4.8
		Max Purlin Spacing (m)	0.8	1.0	1.3	1.4	1.4
50 x 250 Timber MSG8	750	Max Rafter Length (m)	4.5	5.0	5.7	6.1	6.1
		Max Purlin Spacing (m)	0.8	1.0	1.3	1.4	1.4
50 x 150 Timber MSG8	900	Max Rafter Length (m)	2.4	2.7	3.0	3.3	3.3
		Max Purlin Spacing (m)	0.8	1.0	1.3	1.4	1.4
50 x 200 Timber MSG8	900	Max Rafter Length (m)	3.3	3.6	4.1	4.4	4.4
		Max Purlin Spacing (m)	0.8	1.0	1.3	1.4	1.4
50 x 250 Timber MSG8	900	Max Rafter Length (m)	4.1	4.6	5.2	5.6	5.6
		Max Purlin Spacing (m)	0.8	1.0	1.3	1.4	1.4