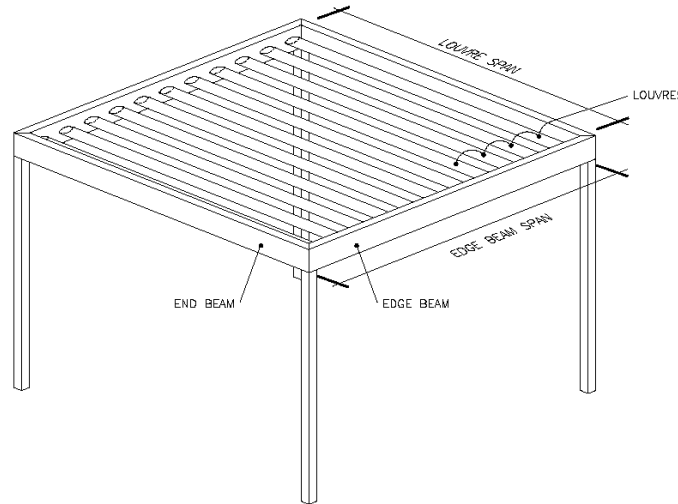




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Locarno Edge Beam Safe Span In Metres



Locarno Edge Beam Safe Spans In metres

RL200 LOUVRE SPAN in metres	WIND LOADS				SNOW LOADS	
	Light up to 32m/sec	Medium up to 37m/sec	High up to 44m/sec	Very High up to 50m/sec	0.5kPa	1.0kPa
2.5	7.9 (8.0)	6.7 (8.0)	5.5 (7.8)	4.8 (6.8)	7.0 (8.0)	5.2 (7.4)
2.75	7.6 (8.0)	6.3 (8.0)	5.2 (7.4)	4.5 (6.4)	6.7 (8.0)	5.0 (7.1)
3.0	7.2 (8.0)	6.1 (8.0)	5.0 (7.1)	4.3 (6.1)	6.4 (8.0)	4.8 (6.8)
3.25	6.9 (8.0)	5.8 (8.0)	4.8 (6.8)	4.2 (5.9)	6.1 (8.0)	4.6 (6.5)
3.50	6.7 (8.0)	5.6 (7.9)	4.6 (6.5)	4.0 (5.7)	5.9 (8.0)	4.4 (6.2)
3.75	6.4 (8.0)	5.4 (7.6)	4.4 (6.2)	3.9 (5.5)	5.7 (8.0)	4.3 (6.1)
4.0	6.0 (8.0)	5.2 (7.4)	4.3 (6.1)	3.7 (5.2)	5.5 (7.8)	4.1 (5.8)

Figures in brackets are for two beams screwed together to act as one beam

1. Edge beam to be 220 x 50 x 2mm 3 cell proprietary section with screw ports. Alloy 6060-T5.
2. Use horizontally as a canopy, awning, or sunshade.
3. Can be used for a stand alone carport.
4. Can be used as a canopy against a bigger building, with the bigger building side and other sides left open or walled off. Where a canopy against a bigger building is near a corner of the bigger building (i.e. within 20% of the least overall bigger building dimension, or the distance equal to the height of the bigger building) then the spans for wind load will need to be reduced to $\frac{3}{4}$ of the tabulated spans.
5. Low, medium, high and very high wind speeds are determined for small buildings using N.Z.S. 3604:2011. The 32m/sec, 37m/sec, 44m/sec and 50m/sec wind speeds are site wind speeds as defined by N.Z.S. 1170:2002.