



## Locarno RL200 Louvre Roof Section

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### ALLOWABLE SPANS (in metres)

Low Wind Speed (up to 32m/sec)	Allowable Span = 4.0m
Medium Wind Speed (up to 37m/sec)	Allowable Span = 4.0m
High Wind Speed (up to 44m/sec)	Allowable Span = 3.5m
Very High Wind Speed (up to 50m/sec)	Allowable Span = 3.1m
Up to 0.5kPa Snow Load	Allowable Span = 4.8m
Up to 1.0kPa Snow Load	Allowable Span = 3.4m

#### Notes:

The 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.

The above spans are allowable spans for free standing canopies or for canopies against a larger building, with the canopy open at the sides or closed off by walls.

Where a canopy is against a larger building near a corner of the larger building (i.e. within 20% of the least larger building dimension, or the distance equal to the height of the larger building) then the spans of the louvers will need to be reduced to  $\frac{3}{4}$  of the above spans.