

BE:bc:07/6181

17 July 2007

The Manager
Extreme Marquees
100 Pickering Street
ENOGGERA Q 4051

Dear Sir

RE: WIND ACTION ANALYSIS FOR EXTREME MARQUEES

Design Conditions:

AS 1170 Part 0 – General Principles
AS 1170 Part 2 – Wind Actions

Certification:

Booth Engineers & Associates Pty Ltd have undertaken an analysis of the Hold Down requirements for a range of marquee sizes by Extreme Marquees.

The tabulated values below, provide the gravity loads to be added to each leg of each frame for a range of marquee sizes from 2.4m x 2.4m to 4.0m x 8.0m.

Extreme Marquees Size	Hold Down Weight (Frame + Sand Bags in kg)	Maximum Wind Speed (km/hr)
2.4m x 2.4m	147	130
3.0m x 3.0m	155	107
3.0m x 4.5m	160	89
4.0m x 4.0m	170	84
3.0m x 6.0m	243	95
4.0m x 8.0m	270	75

Provided the marquees are installed in accordance with the above information, the Hold Down for the marquees are suitable for the appropriate wind speed.

Notations:

- It is assumed that the marquee frames are fabricated and installed to an acceptable standard of design and workmanship and hence its failure capacity subject to wind actions has not been considered in the analysis.

Yours faithfully



G N BOOTH
BEng MIEAust RPEQ 5581
For and on behalf of
Booth Engineers & Associates Pty Ltd