



EVENTS DIVISION

Temporary Structure / Marquee Weighting Guide

This guide has been put together by concerned members of the Events Division of the HRIA Ltd, including manufacturers, suppliers, rental companies and end users. It has been produced to offer guidance with regards to the safety and stability of marquees or temporary structures in outdoor areas.

The traditional methods of stability have been pegging and weighting. However, in recent years, with the increasing focus on OH&S and regulations, it has become harder and harder to use pegging because of concerns for underground services and ground quality.

Weighting has become the favoured method of achieving safety and stability with temporary structures, particularly in outdoor public areas.

This guide attempts to give all members a realistic weight guide to ensure the structure is safe. The easy to read table is based on Terrain Category TC 2.5, which covers the majority of locations. The chart defines, through bay size and width, the weight required for each leg. Also included are a number of drawings and photos showing typical methods of attaching the weights and boxes to the legs.

Members of the HRIA Events Division work to this standard as a general guide and are encouraged to share this information with other interested parties such as councils and event venues.

Feedback is welcomed. Please contact the HRIA by email: info@hireandrental.com.au or phone 1800 015166 if you wish to comment or suggest on the guide and its contents. It can be downloaded from the HRIA webpage.

As with all guides of this nature your attention is drawn to the disclaimer. Also remember that you are responsible for OH&S, so if in doubt please consult the appropriate competent persons or engineer if you feel unsure about terrain or wind rating or location.

We hope you find the document useful and relevant.

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