



Prime Consulting Engineers Pty. Ltd.
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Extreme Marquees
3 Bailey Ct
Brendale QLD 4500

Address: Level M 394 Lane Cove Rd
Macquarie Park NSW 2113
Phone: (02) 8964 1818

Ref. no: CE/23-632-3

Date: 16th Sep 2023

CERTIFICATE OF DESIGN

Structure Size(s): 1.5m x 1.5m, 2.4m x 2.4m, 3m x 3m, 3m x 4.5m & 3m x 6m
Model: X6 Velocity Compact Range Folding Marquee

Prime Consulting Engineers have been engaged by Extreme Marquees to carry out computation structural analysis for the purpose of certifying the structural adequacy of the above structure(s) for the maximum **45 km/hr** wind speed to be erected as temporary structure(s) at various sites throughout Australia.

We certify that the above structure(s) are designed in accordance with normal engineering practice and meet(s) the requirements of the Building Code of Australia and relevant Australian Standards. In particular, the design is in accordance with the following:

1. The relevant clauses of the National Construction Code (NCC) 2022
2. ABCB Temporary Structures
3. Relevant Australian Standards including:
 - a. AS/NZS 1170.0:2002 – General Principle
 - b. AS/NZS 1170.1:2002 – Permanent, Imposed and Other Actions
 - c. AS/NZS 1170.2:2021 – Wind Actions
 - d. AS/NZS 1664.1:1997 – Aluminium Structures

The above Temporary Structure(s) are required to be erected with ballasts/pegs in accordance with Cl. 7 "Ballast Requirements" of the relevant design document.

Yours faithfully,
Kevin Zia
MEng, MIEAust, CPEng, NER, APEC, IntPE (Aus), RPEQ, PE (VIC)

