

Consultant Advice Notice

Ref: **24013 CAN 01**

KELOOKA

Structural
+ Civil Engineers

Subject: **Ace Wall Panel Serviceability Load Tables**

Discipline: Structural Engineering

Project: -

Attention: John Bacon
Ace Wall Panel

Date: 02/09/24

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Hi John Bacon,

The serviceability limit state load tables with wind loading based on report 2023-070-S1 dated April 2024 and report 2023-070-S2 dated April 2024 by Ian Bennie and Associates are as follows:

Span (mm)	Deflection limit (mm)	Span Ratio Limit	Max Serviceability Load (kPa)
450	1.5	300	4.3**
600	2	300	4.3**
1200	4	300	4.3**
1800	5	360	4.3**
2400	5	480	2.85
2700	5	540	1.87
3000	5	600	1.17
3600*	5	720	0.56

Notes:

* Height over 3m is achieved through a mechanical stud splice detail.

**Load limited until further testing

Regards,



Edmund Pong
Director/ Principle Engineer
PER: PE0001022