



**Cardno  
Low & Hooke**

**Shaping the Future**

Our Ref 6403\_5:TK

Contact Tom Krapeshlis

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Megadeck Australia Pty Ltd  
87 Macdonald Street  
**ERSKINEVILLE NSW 2043**

Attention: Mr Graeme Rendle

**Cardno Low & Hooke Pty Ltd**

ACN 002 419 525

ABN 41 919 674 323

First Floor  
370 Norton Street  
Leichhardt NSW 2040  
PO Box 256 Leichhardt  
New South Wales 2040  
Australia

**Telephone: 02 9550 9966**

Facsimile: 02 9564 3209

International: +61 2 9550 9966

Email: email@lowhooke.com.au

Web: www.cardno.com.au

Dear Sir

### LOAD CAPACITY OF MEGADECK STAGE SYSTEMS

We summarize below our findings of the load capacity of the Megadeck stages based on Australian Standards and the load testing results carried out by Testsafe Australia in their report No 30122 dated 4 April 2008.

	<b>Megadeck aluminium frame with 15mm plywood top</b>
<b>Uniform safe load capacity</b>	6.6 kPa
	667 kg/m <sup>2</sup>
	207 lbf/ft <sup>2</sup>
<b>Concentrated safe load capacity</b>	4.5 kN
	460 kg
	1010 lbf

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The above safe vertical load capacities were based on SAA Code accepted procedures and adopted a safety factor against failure of 1.5 for uniform load and 1.75 for concentrated load. They assume there are no lateral, dynamic or other loads simultaneously applied to the stage structure. Any historical or temporary overload would void this certification.

The particular "Megadeck" stage structural elements and sizes for which the above certified loads apply are nominated in the enclosed sketch. Good, consistent workmanship, welding and materials similar to the tested stage is assumed.

We also enclose an excerpt from SAA loading code – AS 1170.1.2002, indicating design loads with which the "Megadeck" stage systems can be compared.

Yours faithfully

Tom Krapeshlis  
Director - NSW Building Structures  
for Cardno Low & Hooke

