



DEACON ENGINEERS

DESIGN VERIFICATION STATEMENT

4/07/2018

I, Ben Graham, representing Deacon Engineers Pty Ltd, being verifier of:

Ali Wood Cladding section CLAD180155.4

As described in the following documents:

Drawing of Section No. CLAD180155.4 dated 21/10/2017
Ali Wood Cladding Installation Guide V1 dated March 2018

Subject to the following conditions:

Wind Region C, 35m height, Shielding Multiplier $M_s = 1$
Midspan deflection limit of Span/250
Fixing spacing of 600mm
Connections and fasteners to the cladding section not considered

I certify that the design meets the requirements of the following:

AS1664.2-1997 *Aluminium structures – Allowable stress design*
AS1170.2 *Structural design actions – Part 2: Wind actions*

During the verification process I have:

- a) Considered the above conditions
- b) Assessed the stresses in the structure using Finite Element Analysis
- c) Reviewed the stresses for compliance with the maximum allowable stresses

Ben Graham

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