



Mr Adam Bond
Director
EzyClad Pty Ltd
9-11 Brooklyn Court
Campbellfield VIC 3061

19 March 2010

Dear Mr Bond,

RE: EzyClad wall panel system compliance to BCA in respect to CSIRO testing

We are providing this letter in order to show that the EzyClad wall panel system, as tested, satisfies the relevant performance requirements of the Building Code of Australia (BCA); specifically, Clauses P2.1 – Structural stability and resistance to actions, and P2.2.2 – Weatherproofing, of Volume 2.

Background

CSIRO was engaged by EzyClad Pty Ltd to carry out tests in accordance to the Australian Standard AS/NZS 4284:1995 *Testing of building facades*, on a representative sample of their walling system. The walling system was erected and tested at CSIRO's North Ryde building engineering facilities, in the Facade Engineering & Weather Performance of Buildings Group laboratory. A CSIRO report (Report No. DTF837), detailing the testing conducted and test results obtained, was issued in October, 2007.

The EzyClad walling system uses panels of expanded polystyrene, covered with a fibreglass mesh and rendered. The tested sample was installed on a timber frame, within the opening of a pressure chamber test apparatus. The wall sample did not include a window or door opening.

Testing was carried out as per the Standard, AS/NZS 4284:1995, with the exclusion of air infiltration testing, which was not required to assess the system. Tests were completed for:

- (a) Structural performance – under Serviceability Limit State Design Pressure
- (b) Water penetration by static pressure
- (c) Water penetration by cyclic pressure
- (d) Structural proof test – under Ultimate Limit State Design Pressure

The EzyClad walling system met the performance requirements of the Standard, AS/NZS 4284:1995 (excluding air infiltration).

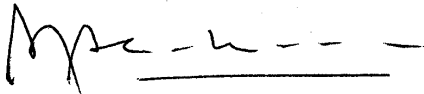
Compliance to BCA

In consideration of the tests completed by CSIRO, the EzyClad walling system - described in CSIRO Report No. DTF837 - is deemed to satisfy the following parts of the BCA, Volume 2 - Class 1 and Class 10 Buildings, Housing Provisions:

- Part 2.1 Structure, Clause P2.1 Structural stability and resistance to actions, sub-Clause (b), actions:
 - (iii) Wind action.
 - (viii) Rainwater action.

- Part 2.2 Damp and Weatherproofing, Clause P2.2.2 Weatherproofing.

Yours sincerely,

A handwritten signature in black ink, appearing to read 'Rajam Sankaran', with a horizontal line underneath it.

Dr Rajam Sankaran
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