



PCC-181419-NZ

Version 1.0
ISSUED: May 2019
EXPIRES: Apr 2020

A Product Compliance Certificate



Product: The Verdus Timber Cladding System
Certificate-holder: The NZ Natural Timber Co. Ltd.



Product description:¹

The Verdus Timber Cladding System is an exterior timber weatherboard system using New Zealand native timbers.

Scope of Use & Limitation Statement:²

- an external environment above ground, with a (seismic) locality factor (Z) of up to 0.42 (Upper Hutt), in a temperate climate, with wind zones up to and including 55m/sec (Extra High);
- the height of buildings shall be up to and including 10m from the finished ground level;
- the system shall use specified timber weatherboards over timber framing incorporating a 'frame protection system' and non-structural cavity battens;
- timber framing shall be constructed as per NZS 3604.
- the system is limited to use in residential housing including Class 1 and Class 2 type construction. i.e stand-alone houses and multi-apartment dwellings ;
- the system shall be installed in accordance with the technical and quality plan literature and supervised by those trained by The NZ Natural Timber Co Ltd.

Applicant:

The NZ Natural Timber Co Ltd

127 Lower Dent Street
Whangarei 0110
TEL: 027 660 0095
www.nznaturaltimber.co.nz



Issuer:

Building Element Assessment Laboratory Ltd.

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E-Mail: sales@beal.co.nz
www.beal.co.nz



A Product Compliance Certificate



Clauses for which compliance has been assessed by BEAL:³

- B1.3.1 & B1.3.3 (a), (b) & (h) The product meets the structural requirements for loads arising from gravity, self weight & wind-loads
- B2.3.1 (a) 50 years +, (b), 15 years, B2.3.1 (c), 5 years, and B2.3.2. The product meets the durability requirements for the cladding system including underlay system, battens & fixings and weather-protecting stain
- E2.3.2. The product is a ventilated and drained rain-screen system that meets the performance requirements of E2.3.2
- F2.3.1. The product is not a health hazard to people.

Evidence relied upon including a buildability assessment:

- B1.3.1 & B1.3.3 (a), (b) & (h) Evidence supplied to demonstrate compliance included an in-service history statement plus an engineer's opinion.
- B2.3.1 (a) 50 years +, (b), 15 years, B2.3.1 (c), 5 years, and B2.3.2. Evidence supplied included an in-service history statement plus an opinion from a BEAL material scientist⁴
- E2.3.2. Evidence supplied included a weathertight Test Report from BTS TR180909 plus an opinion from a BEAL building scientist⁴
- F2.3.1 A peer review report dated 12 Oct 2018 has been provided by a building scientist employed by BEAL⁴
- Buildability - Buildability Assessment Report 120918 dated 01 Oct 2018.⁴

Title & version of the current Technical & Installation Manual:

The Verdus Timber Cladding System Technical & Installation Manual ver 1.0 available from www.nznaturaltimber.co.nz and the BEAL website www.beal.co.nz

Title & version of the current Building Product Quality Plan* & Site Checklists:

The Verdus Timber Cladding System *BPQP ver 1.0

Requirement for factory audits - where applicable:

NA. Assembly of the appraised system is on site

Requirement for the training and approval of Supervisors:

The NZ Natural Timber Co have a ISO10015 based Supervisor Training Programme** which is subject to review and audit at least 12 monthly by (BEAL)

Requirement for the certificate-holder to have a Register of trained and approved Supervisors:

**The NZ Natural Timber Co have a Register of Supervisors which is subject to review and audit at least 12 monthly

Warranty & maintenance info supplied:

The NZ Natural Timber Co provide a Warranty and Owner Maintenance document on completion of each project

Certificate-issuer QA qualifications and audit requirements:

Building Element Assessment Laboratory Ltd. is assessed annually for compliance against the requirements of the BEAL Product Compliance Certificate 'Scheme Rules' on an annual basis and against the requirements of ISO 17067, 17065 and ISO 17021 by QMS www.qmsgroup.org

Certificate-issuer Professional Indemnity statement:

Building Element Assessment Laboratory Ltd. has Professional Indemnity Insurance that covers the scope of work described in this certificate.

Notes:

- 1 - Please contact BEAL if further information is required.
- 2 - Please contact BEAL if further information is required.
- 3 - Please contact BEAL if further information is required.
- 4 - Please contact BEAL if further information is required.