

Friday 27<sup>th</sup> August, 2021

Real Resource Ltd.  
Attn: Gang Liu - Manager

Dear Mr Liu,

**Re: Providing a Building Consent Authority with a 'Product Technical Statement'.  
Expiry Date: 3 March 2022 – application for an Appraisal received**

The MBIE document 'Using the Product Assurance Framework to Support Building Code Compliance - A Guide for Manufacturers and Suppliers' suggests in Section 6, "a new approach" for building product manufacturers to demonstrate compliance with the relevant performance clauses of the New Zealand Building Code, by way of a 'Product Technical Statement'.

The key elements of a Product Technical Statement are –

- Statement of Building Code compliance
- Scope of Use (including limitations)
- Consenting instructions

**A 'Product Technical Statement' (PTS2140) for –  
(Finger-jointed) Treated timber (Pinus Radiata) bevel-back profile Weatherboard System –  
supplied by Real Resource Ltd.**

1. Statement of Building Code Compliance

The Real Resource Ltd's 'Treated timber (Pinus Radiata) bevel-back profile Weatherboard System' will comply with the following performance clauses of the New Zealand Building Code based on the evidence described in the relevant sections of this document:

- **Clause B1.3.3 (h) Wind-load resistance**
- **Clause B2.3.1 (b) Durability for the weatherboards and (c) for the coating system**
- **Clause E2.3.2 – External Moisture resistance**
- **Clause F2.3.1 – Hazardous Materials absent**

Supporting this Product Technical Statement is an opinion from BEAL for verifying compliance with wind conditions up to and including 'extra high'.

2. Scope of Use (including limitations)

The Timber (Pinus Radiata) bevel-back profile Weatherboard System' is intended to be used as an exterior cladding or rainscreen installed over either timber framing complying with NZS3604, or over light gauge steel framing complying with NASH 3405, or onto concrete structures complying with NZS3101.1 & 2: 2006.

Limitations of use are -

A. All designs and construction shall be within the requirements and the tables set out in the Real Resource Technical Installation Manual (ver 1.0) available from the BEAL web site, and all other uses are outside the scope of this Product Technical Statement.

See the web page [here](#).

- B. Accessories, componentry and finishing systems to comply with that specified in the Real Resource Technical Installation Manual (ver 1.0) including the requirements set out in AS/NZS 2311:2017 – Guide to the Painting of Buildings for finishing systems;
- C. Installation shall be performed by installers experienced and familiar with NZS3604, who shall be supervised by a suitably qualified Licensed Building Practitioner;
- D. Installation and maintenance - where required - of the finished weatherboard system, shall be in accordance with the Real Resource Technical Installation Manual (ver 1.0), available on request;

3. Consenting instructions

- This Product Technical Statement is based on a third-party review and assessment of the technical information supplied to the writer, which includes the Real Resource Technical Installation Manual (ver 1.0) available for download from BEAL's web site
- Accompanying the NZ Technical Manual is an on-site checklist which shall be supplied to the relevant BCA on completion of the works.

If you have any further questions about any of the above, please do not hesitate to contact us.

Yours faithfully,



C.R.Prouse  
Principal Building Scientist  
**Building Element Assessment Laboratory Limited**