



Building Code Clause(s) B1, G12

# PRODUCER STATEMENT – PS1 – DESIGN

(Guidance notes on the use of this form are printed on page 2)

ISSUED BY: Tiaki Engineering Consultants Ltd  
(Design Firm)

TO: Building Owner  
(Owner/Developer)

TO BE SUPPLIED TO: Local Territorial Authority  
(Building Consent Authority)

IN RESPECT OF: Apricus Solar Hot Water – ETC Solar Collector System ETC-20 and ETC-30  
(Description of Building Work)

AT: Various Locations in New Zealand  
(Address)

LOT DP SO

We have been engaged by the owner/developer referred to above to provide Structural Engineering services in respect of the requirements of Clause(s) B1, G12 (Extent of Engagement)

All  or Part only  (as specified in the attachment to this statement), of the proposed building work.

The design carried out by us has been prepared in accordance with:

- Compliance Documents issued by the Ministry of Business, Innovation & Employment B1/VM1, G12/AS2 or (verification method / acceptable solution)
- Alternative solution as per the attached schedule

The proposed building work covered by this producer statement is described on the drawings titled ETC Solar Collector ASSY-001-30, -E-001, -F(AL)-002, -M-002, -EAFT, -F(AL)-003-N, F(AL)-ANG-N, F(AL)-FLUSH-N, -EASR; and and numbered F(AL)-013-300, -001-250, -007, -016, -018, -022, -031; together with the specification, and other documents set out in the schedule attached to this statement.

- On behalf of the Design Firm, and subject to: Wind, Snow and Ice Actions meeting the Structural Support
- (i) Site verification of the following design assumptions Limitations per Clause 1.1.1 (a) – (h) and 4.1.1 of NZBC G12/AS2
  - (ii) All proprietary products meeting their performance specification requirements;

I believe on reasonable grounds that a) the building, if constructed in accordance with the drawings, specifications, and other documents provided or listed in the attached schedule, will comply with the relevant provisions of the Building Code and that b), the persons who have undertaken the design have the necessary competency to do so. I also recommend the following level of construction monitoring/observation:

CM1  CM2  CM3  CM4  CM5 (Engineering Categories) or  as per agreement with owner/developer (Architectural)

I, Donald Richardson am:  CPEng 218107 #

(Name of Design Professional)

Reg Arch #

I am a Member of:  IPENZ  NZIA and hold the following qualifications: BSc Eng, CPEng  
The Design Firm issuing this statement holds a current policy of Professional Indemnity Insurance no less than \$200,000\*.

The Design Firm is a member of ACENZ:

SIGNED BY Donald Richardson ON BEHALF OF Tiaki Engineering Consultants Ltd  
(Design Firm)

Date 15/10/2018 (signature)

Note: This statement shall only be relied upon by the Building Consent Authority named above. Liability under this statement accrues to the Design Firm only. The total maximum amount of damages payable arising from this statement and all other statements provided to the Building Consent Authority in relation to this building work, whether in contract, tort or otherwise (including negligence), is limited to the sum of \$200,000\*.

This form is to accompany **Form 2 of the Building (Forms) Regulations 2004** for the application of a Building Consent.

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