

# Pinetech Cladding BPIR Declaration

Version: Version 1

Designated building product: Class 1

### Declaration

International Panel and Lumber has provided this declaration to satisfy the provisions of Schedule 1(d) of the Building (Building Product Information Requirements) Regulations 2022.

### Product/system

Name	Pinetech Cladding
Line	
Identifier	PINETECH

### Description

Pinetech is a bandsawn faced exterior plywood manufactured to AS/NZ 2271 from Pinus Radiata for use as cladding for timber framed buildings in accordance with design codes NZS 3603 and AS/NZ 1170 with interlocking shiplap edges for easy watertight installation Dimensions :2440mm x 1216mm Thickness: 12mm Available as Ungrooved or Grooved with groove spacing of 100mm / 150mm / 200mm Preservative treatment: available as untreated or LOSP H3.1 or CCA H3.2 treated in accordance with AS/NZS 1604.3 1 Untreated Exterior Ply should not be used where it will be subject to wetting, dampness or condensation. 2 In areas where Exterior Ply may be subject to wetting, dampness or condensation Exterior Ply must be preservative treated to at least H3.2 hazard rating and fixed with non-corrosive fasteners

### **Conditions of use**

When used in construction, particularly work deemed to be Restricted Building Work (RBW) as defined in the Building (Definition of Restricted Building Work) Order 2011 it's use should be in accordance with the specifications set out in NZS3604.2011 Timber framed buildings or NZS/AS1720 Part 1.2022 Timber structures

### **Relevant building code clauses**

B1 Structure - B1.3.1, B1.3.2, B1.3.3 (f, h, m), B1.3.4

**B2 Durability** – B2.3.1 (b)

E2 External moisture - E2.3.2, E2.3.5, E2.3.7

F2 Hazardous building materials - F2.3.1

### **Contributions to compliance**

Code Clauses.

**B1** Structural

B2 Durability B2.3.1 (c)

F2 Hazardous Building Materials F2.3.1

E2

Compliance Pathways.

B1 - P21 BRANZ

B2/AS1 - AS/NZS 2269

F2 - AS/NZS 2098.11 : 2005

E2 - AS1

# Supporting documentation

The following additional documentation supports the above statements:

Pinetech certification Version 1	https://www.plytech.co.nz/pinetech
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For further information supporting Pinetech Cladding claims refer to our website.

# **Contact details**

Manufacture location	New Zealand
Legal and trading name of manufacturer	International Panel and Lumber
Manufacturer address for service	3 Trickies Road Greymouth 7805
Manufacturer website	www.iplply.nz
Manufacturer email	sales@iplply.nz
Manufacturer phone number	03 762 6759
Manufacturer NZBN	405278921

# **BPIR Ready selections**

Category: Wall cladding - general

	Yes	No
Use closer than 1m to relevant boundary		×
Use on a wall greater than 3.5m high on a multi-level building		×

# **Building code performance clauses**

# **B1 Structure**

#### B1.3.1

*Buildings*, *building elements* and *sitework* shall have a low probability of rupturing, becoming unstable, losing equilibrium, or collapsing during *construction* or *alteration* and throughout their lives.

#### B1.3.2

*Buildings, building elements* and *sitework* shall have a low probability of causing loss of amenity through undue deformation, vibratory response, degradation, or other physical characteristics throughout their lives, or during *construction* or *alteration* when the *building* is in use.

#### B1.3.3

Account shall be taken of all physical conditions likely to affect the stability of *buildings*, *building elements* and *sitework*, including:

- (f) earthquake
- (h) wind
- (m) differential movement

#### B1.3.4

Due allowances shall be made for:

- a. the consequences of failure,
- b. the intended use of the building,
- c. effects of uncertainties resulting from *construction* activities, or the sequence in which *construction* activities occur,
- d. variation in the properties of materials and the characteristics of the site, and
- e. accuracy limitations inherent in the methods used to predict the stability of buildings

# **B2** Durability

#### B2.3.1

*Building elements* must, with only normal maintenance, continue to satisfy the performance requirements of this code for the lesser of the *specified intended life* of the *building*, if stated, or:

 (b) 15 years if: those building elements (including the building envelope, exposed plumbing in the subfloor space, and in-built chimneys and flues) are moderately difficult to access or replace, or failure of those building elements to comply with the building code would go undetected during normal use of the building, but would be easily detected during normal maintenance.

# E2 External moisture

#### E2.3.2

Roofs and exterior walls must prevent the penetration of water that could cause undue dampness, damage to *building elements*, or both.

#### E2.3.5

*Concealed spaces* and cavities in buildings must be constructed in a way that prevents external moisture being accumulated or transferred and causing condensation, fungal growth, or the degradation of building elements.

#### E2.3.7

Building elements must be constructed in a way that makes due allowance for the following:

- a. the consequences of failure:
- b. the effects of uncertainties resulting from *construction* or from the sequence in which different aspects of *construction* occur:
- c. variation in the properties of materials and in the characteristics of the site.

# F2 Hazardous building materials

#### F2.3.1

The quantities of gas, liquid, radiation or solid particles emitted by materials used in the *construction* of *buildings*, shall not give rise to harmful concentrations at the surface of the material where the material is exposed, or in the atmosphere of any space.