



Radiata Pine Structural 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	Radiata Pine Structural
Line	
Identifier	RADIATASTRUCTURAL

Description

Plytech Bracing Ply is structural plywood manufactured to AS/NZ 2269:2012 from Pinus Radiata for use as bracing for timber framed buildings in accordance with design codes NZS 3603 and AS/NZ 1170 Face ply is cosmetically graded as D in accordance with AS/NZS 2269.0.:2012 Dimensions :2400mm x 1200mm Thickness: 7mm / 9mm / 12mm Preservative treatment: available in untreated or CCA H3.2 treated in accordance with AS/NZS 1604.3 Bracing ply has been P21 tested and Branz accredited

Scope of use

Plytech NZ Radiata Structural is a general purpose construction plywood

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, j), B1.3.4

B2 Durability – B2.3.1 (a)

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

Compliance Pathways.

B1 - P21 BRANZ

B2/AS1 - AS/NZS 2269

F2 - AS/NZS 2098.11 : 2005

Supporting documentation

The following additional documentation supports the above statements:

NZ Radiata Structural	Version 1	https://www.plytech.co.nz/nz-radiata-structural
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For further information supporting Radiata Pine Structural 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: Internal linings

	Yes	No
Use to provide structural bracing	x	
Use in wet areas		x
Use in food preparation areas		x
Part of an intertenancy / abutting occupancy wall system		x
Use in areas with surface fire obligations		x
Part of a fire protected boundary or fire wall		x
Use in areas with near to sources of heat		x

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

- (j) impact

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:

- (a) the life of the building, being not less than 50 years, if: those building elements (including floors, walls, and fixings) provide structural stability to the building, or those building elements are difficult to access or replace, or failure of those building elements to comply with the building code would go undetected during both normal use and maintenance of the building

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.