



Teco Radiata Structural BPIR Declaration

Version: Version 1

Designated building product: Class 1

Declaration

Big River Group (NZ) trading as Plytech has provided this declaration to satisfy the provisions of Schedule 1(d) of the Building (Building Product Information Requirements) Regulations 2022.

Product/system

Name	Teco Radiata Structural
Line	
Identifier	TECOCD

Description

Plytech Radiata Teco CD Ply is a structural plywood manufactured and certified in accordance with AS/NZ 2269:2012

Pinus Radiata Teco Ply is pale-yellow to pinkish-brown in colour with a figured grain and uniform texture.

H3.2 CCA - Copper Chrome Arsenate treatment in accordance with AS/NZS 1604.3 and also untreated.

Scope 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.

Conditions of use

When used in Restricted Building Work as defined in the Building (Definition of Restricted Building Work) Order 2011 Structural Ply must be installed by a Licensed Building Practitioner with appropriate certification in accordance with NZ3604.2011 specifications.

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 - EN 13986:2004

B2/AS1 - AS/NZS 2269:2012

F2 - CARB, AS/NZS 1604.

Supporting documentation

The following additional documentation supports the above statements:

Teco Radiata certification	Version 1	https://www.plytech.co.nz/teco-radiata-structural
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For further information supporting Teco Radiata Structural claims refer to our website.

Contact details

Manufacture location	Overseas
Legal and trading name of manufacturer	Arauco
Legal and trading name of importer	Big River Group (NZ) trading as Plytech
Importer address for service	26 Business Parade North, Highbrook Auckland 2013
Importer website	https://www.plytech.co.nz/
Importer NZBN	405278921
Importer email	sales@plytech.co.nz
Importer phone number	0800900905

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.