PlyClad
BPIR Declaration

Version: v1

Designated building product: Class 1

Declaration

SKAPE LIMITED has provided this declaration to satisfy the provisions of Schedule 1(d) of the Building (Building Product Information Requirements) Regulations 2022.

Product/system

Name	PlyClad
Line	
Identifier	PLYCLAD

Description

A cost-effective bandsawn exterior plywood. Manufactured and tested to meet AS/NZS 2269 Structural Plywood Standards, PlyClad delivers reliable strength and performance.

Each panel features a bandsawn face veneer with square grooves spaced at 150mm intervals (9mm wide × 6mm deep). Available untreated or treated H3.1 LOSP. Matching battens are available to create a classic board and batten finish.

FEATURES

- 100% Bandsawn Radiata Pine BC Grade veneer
- 9 x 6 mm Square Grooves at 150mm centres
- PEFC certified
- AS/NZS 2269 certified and P21 brace tested by Scion Research NZ
- Stress Grade F7
- A-bond Exterior Glue Line Super E0 Low formaldehyde emission
- Available untreated or treated H3.1 LOSP

BENEFITS

- Face sanding 150-grit and ready to finish
- Easy to work with using both hand and machine tools
- Economical exterior cladding

DIMENSIONS – PLYCLAD

Sheet Size	Thickness
2440 x 1220 mm	12 mm

DIMENSIONS – PLYCLAD BATTENS

Batten Size
50 x 25 mm
75 x 25 mm
100 x 25 mm

Available treated H3.1 LOSP.

PERFORMANCE

- PEFC Certified
- Environment Protection Standard: ISO 14001:2004
- Quality Management Standard: ISO 13986:2004
- Glue Formaldehyde Emissions – CARB compliant
- NZ Building Code – AS/NZS 2269:2012

Scope of use

- Sheds, barns and farm buildings
- Portable cabins and tiny homes
- Wall and ceiling lining

Note: The products are not for residential use.

Conditions of use

Limitations on use:

- PlyClad treated plywood must not be installed in direct contact with steel frames.

- Appropriate clearances to the ground must be provided to meet durability standards as specified by design professionals.
- For detailed information, limitations, and cautions regarding storage, handling, installation, usage, and maintenance, please refer to the current PlyClad product datasheet.

Design requirements that would support the use of the building product:

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.

Installation requirements:

PlyClad must be installed using good building practice, sound design principles, and in accordance with the installation details and specifications by an engineer and /or other qualified professional.

Maintenance requirements:

Ensure that PlyClad, particularly untreated, is not exposed to continuous wetting or subject to high levels of moisture especially when used in applications that are hidden from clear view or are not readily accessible for regular inspection

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

PlyClad is designed for use in General or Specific Design applications, in accordance with AS/NZS 2269, E2/AS1, or NZS 3604. It contributes to compliance with the following New Zealand Building Code (NZBC) clauses:

Clause B1 Structure: Performance B1.3.1, B1.3.2, B1.3.4(d)

PlyClad is a product certified by SAI Global as being manufactured in accordance with the joint New Zealand / Australian Standard AS/NZS 2269, Structural Plywood.

Clause B2 Durability: Performance B2.3.1(a) when used and treated to the requirements of NZS 3602

PlyClad meets the requirements of NZBC Clause B2 Durability. When used in accordance with good building practices and treated to the prescribed levels in NZS 3602, it forms part of an Acceptable Solution complying with NZBC (Acceptable Solution B2/AS1, 3.2.1).

Clause F2 Hazardous Building Materials: F2.3.1

PlyClad complies with this clause, ensuring it does not present a health hazard to people.

Supporting documentation

The following additional documentation supports the above statements:

PlyClad Certification	Version 1 (May 2025)	https://www.skape.co.nz/products/plyclad

For further information supporting PlyClad claims refer to our website.

Contact details

Manufacture location	Overseas
Legal and trading name of manufacturer	ARAUCO
Legal and trading name of importer	SKAPE LIMITED
Importer address for service	27 Poporo Way Hastings 4175
Importer website	www.skape.co.nz

Importer NZBN	9429052619854
Importer email	sales@skape.co.nz
Importer phone number	

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.