

# BUILDING PRODUCT INFORMATION SHEET.

## CLASS 1 – January 2026

**Product Name:** StructuralPly Radiata CD Grade Plywood

### Product Description and Intended Use:

**StructuralPly Radiata CD Grade Plywood** (StructuralPly) is a structural plywood product designed for general or specific design use for both residential and commercial buildings and applications.

StructuralPly is a wood veneer-based product, manufactured and tested to meet all requirements of AS/NZS 2269 Plywood Structural Standard, providing assurance of the structural integrity required for use in New Zealand.

The ply veneers are sourced from PEFC (Programme for the Endorsement of Forest Certification) and FSC (Forest Stewardship Council) certified sustainable Radiata Pine plantations. These veneers are bonded with a WBP A-Bond adhesive forming a durable and strong plywood product.

StructuralPly is manufactured using an exterior Phenol-Formaldehyde resin and is certified as A-Bond, with an emission classification of E0 in accordance with AS/NZS 2098.11.

StructuralPly is manufactured from Radiata Pine, features a CD-grade surface, and is produced to a stress grade of F8 (or F11 for 19 mm thickness). It is supplied as standard in 2400 x 1200 mm panels in 7 mm, 9 mm, 12 mm, 15 mm, 18 mm, 21 mm, and 25 mm nominal thicknesses, and is also available in 2700 x 1200 mm panels in 9 mm, 12 mm, and 18 mm nominal thicknesses.

StructuralPly is available untreated or envelope treated in H3.2 CCA or H3.2 MCA preservative treatment in accordance with NZS1604.1:2021.

## Product Identifier

StructuralPly can be identified by the markings on the sheets. The sheets are marked in accordance with AS/NZS 2269 and includes the brand name Maderas Arauco, Product of Chile.

An example of an untreated StructuralPly sheet below:

**Company Name:** PANELES ARAUCO

**Mill:** e.g. PLANTA TERCiado ARAUCO

**Country:** CHILE

**License:** e.g. Lic. SMKB 21663/1

**Certification Body:** SAI GLOBAL

**Intended Application:** e.g. STRUCTURAL

**Standard:** AS/NZS2269.0

**Face Grade:** e.g. CD

**Glue Bond:** e.g. A BOND-

**Formaldehyde Emission Class:** e.g. Super E0

**Stress Grade Parallel/ Perpendicular:** e.g. F8/- or F11/-

**Panel Construction Code:** e.g. 19/24/7 (Thickness [mm] - Face Veneer Thickness [mm x10] - Number of Veneers) NOTE: Some cases the Panel construction code may be replaced by Section Properties.

**Place of Manufacturer:** Chile (Overseas)

**Legal and Trading Name of Manufacturer:** Maderas Arauco S.A.

**Address for Service:**

Level 6, 90 Mount Street  
North Sydney, NSW 2060  
Australia

**Website:** [www.arauco.cl](http://www.arauco.cl)

**Email Address:** [araucoaustralia@arauco.cl](mailto:araucoaustralia@arauco.cl)

**Legal and Trading Name of Importer:** Skape Limited

**New Zealand Business Number (NZBN):** 942052619854

**Address for Service:**

C/o BBI Wood Products Limited,  
27 Poporo Way, Longlands  
Hastings  
New Zealand

**Website:** [www.skape.co.nz](http://www.skape.co.nz)

**Email Address:** [sales@skape.co.nz](mailto:sales@skape.co.nz)

## Relevant New Zealand Building Code Clauses:

- Clause B1 Structure Performance: B1.1, B1.2, B1.3.1, B1.3.2, B1.3.3, B1.3.4
- Clause B2 Durability Performance: B2.3.1(a), B2.3.2
- Clause E2 External Moisture Performance: E2.3.3, E2.3.4, E2.3.5
- Clause F2 Hazardous Building Materials Performance: F2.3.1

## Statement on how the building product is expected to contribute to compliance:

StructuralPly Radiata CD Grade plywood may be used in general or specific design applications. StructuralPly has been manufactured in accordance with Plywood Structural Standard AS/NZS 2269 and assists in meeting the following provisions of the New Zealand Building Code:

### **Clause B1 Structure: Performance B1.1, B1.2, B1.3.1, B1.3.2, B1.3.3, B1.3.4**

StructuralPly plywood is product certified by an independent certification organisation 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), B2.3.2 when used and treated to the requirements of NZS 3602:**

StructuralPly plywood is manufactured to comply with the requirements of the NZBC Clause B2 Durability. When the product is specified and used in accordance with good design and construction practices and treated to the required treatments levels as prescribed in NZS3602, it will form part of the Acceptable Solution contributing to the requirements of the NZBC (B2/AS1).

### **Clause E2 External Moisture Performance E2.3.3, E2.3.4, E2.3.5:**

StructuralPly plywood with exterior and ground clearances detailed in accordance with E2/AS1 Clause 9.1.3 and Clause 6.14.5 and figure 6.21 of NZS 3604 will meet the performance requirements of E2.3.3, E2.3.5 when treated to the requirements of B2 Durability.

### **Clause F2 Hazardous Building Materials: Performance F2.3.1:**

FloorPly structural plywood meets the requirements and will not present a hazard to people.

StructuralPly plywood, when specified in accordance with the New Zealand Building Code (NZBC) Clause B1/VM1 (B1 Structure Verification Method) or specified in accordance with B1/AS1 (B1 Structure Acceptable Solutions) or designed and detailed in accordance with E2/AS1 (E2 External Moisture Acceptable Solutions), is suitable for use as a structural plywood panel within structural systems as designed and specified by suitably qualified professionals and engineers.

The installation and detailing of StructuralPly plywood is to be designed and installed in accordance with the specifications and details provided by the suitably qualified professionals and trades persons.

The durability is determined by the detailing, care and handling of the StructuralPly plywood product specified by the qualified professionals and will continue to contribute to the requirements for a timber-based wood veneer product of the NZBC Durability Clause B2 (B2 Durability).

StructuralPly plywood will continue to contribute to the relevant of the New Zealand Building Code for 50 years (or other statutory time frames as specified by the designer or specifier of the project) provided that the specific design parameters of the project are met and satisfied accordingly.

## Limitations on the use of the building product:

- StructuralPly plywood panels that are H3.2 CCA or H3.2 MCA treated must not be installed in direct contact to steel frames or steel framing.
- Untreated StructuralPly plywood should not be used where it will be subject to wetting, dampness or condensation.
- In areas where StructuralPly plywood may be subject to wetting, dampness or condensation, it must be preservative treated to a minimum of H3.2 hazard rating and fixed with non-corrosive fasteners. (e.g. stainless steel or silicone bronze).
- Appropriate clearances to ground must be provided to meet durability requirements as detailed by the suitably qualified design professionals and engineers.
- Refer to the '[AraucoPly Product Catalogue](#)' for further information, limitations, usage of StructuralPly Radiata CD Grade plywood.

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

StructuralPly, when specified and designed by a designer or engineer as a structural panel in accordance with the Verification Methods B1/VM1 or Acceptable Solutions B1/AS1, or as a cladding system with the Acceptable Solutions E2/AS1, the StructuralPly is a suitable structural plywood panel for applications in both residential and commercial buildings.

StructuralPly plywood panels can be specified as a substrate or specified as part of specific design solutions, as a rigid underlay, and can also be a suitable substrate for overlays such as a carpet, tiles, vinyl, timber and membrane products where suitable, subject to the compatibility of materials in contact, surface grading of the plywood veneer product and the preservative treatment levels of the plywood as specified by the design professionals or engineer of a project.

When used as an exterior cladding product, it is highly recommended in using an E2/AS1 or E2/VM1 compliant plywood product that has a band sawn surface finish to reduce the face checking and any other appearance or aesthetic related issues which may occur with the non-appearance grade, solid sanded or smooth finish CD face graded plywood. Routine maintenance is key to ensuring the aesthetic appearances are maintained during the 12mm CD structural plywood panels used as a cladding system during its serviceable life.

## Installation requirements:

StructuralPly plywood must be installed with good building practice, robust construction methodology and sound design principles when specified by the engineer, a suitably qualified design professional or the specifier of the project.

StructuralPly plywood can be installed in accordance with NZS3604 or the New Zealand Building Code E2 External Moisture (E2/AS1) acceptable solutions subject to suitability and appropriate specification for the application of structural plywood.

Treated StructuralPly plywood is envelope preservative treated. Where the H3 preservative treated sheets have had its protective envelope broken by such actions as cutting, drilling or machining a suitable remedial treatment to repair the envelope shall be applied to cut surfaces. This may include retreatment of cut ends with a brush-on wood preservative according to the manufacturer's recommendations. Failure to reinstate preservative treatment may affect the serviceable life of the structural plywood and impact on the panels durability and ability to perform as intended.

## Maintenance requirements:

StructuralPly plywood does not typically require maintenance. However, there may be some form of maintenance during its serviceable life depending on the specified design, detailed project requirements and the intended use.

StructuralPly that has been specified as a cladding solution in accordance with the New Zealand Building Code E2 External Moisture, will require regular maintenance. Routine maintenance by the building owner is key to ensuring the aesthetic appearances and the durability of the product is maintained during the plywood panels normal serviceable life. Maintenance will vary, depending on the exposure to weather, localised environmental factors such as coastal or exposed areas and orientation to the sun. Maintenance is the responsibility of the building owner, and the professionals they engage. Regular inspections, washing down & cleaning, the coating and recoating of the panels, will ensure the cladding continues to perform as intended.

Where there are circumstances where other products, coatings, flexible or rigid membranes have been applied, maintenance will be in accordance with the proprietary systems manufacturer's specifications and requirements.

Should the plywood panel be damaged during its serviceable life, it would be recommended to replace the panel to ensure the serviceable life requirements are met, along with long-term appearances, the specified durability and the panel integrity is maintained.

## Is the building product/building product line subject to warning or ban under section 26 of the Building Act 2004?

Yes  No

**Date:** 19 January 2026