

# PRODUCT TECHNICAL STATEMENT & BUILDING PRODUCT INFORMATION SHEET

CLASS I  
DECEMBER 2023

**Product Name:** Ecoply Structural Plywood, Manufactured  
in Australia



**Application:** General/Specific Design

## Product Description and Intended Use:

Australian made Ecoply® structural plywood is a layered panel made from Australian pine wood veneers manufactured by Carter Holt Harvey Plywood Pty Limited (CHH Plywood AU) to the requirements of AS/NZS 2269. Adjacent layers (veneers) are bonded together with synthetic phenolic (PF) resin set and cured under heat and pressure in controlled conditions to form a strong and durable Type A bond. The veneers are typically at right angles to each other to deliver two-way strength and stability.

Ecoply structural plywood, designed in accordance with Verification Method B1/VM1 or specified in accordance with Acceptable Solutions E2/AS1 and B1/AS1 is suitable for use as structural panels within structural systems designed and specified by engineers and other suitable design professionals. Ecoply structural plywood is to be installed in accordance with the specifications and details provided by design professionals.

The durability of Ecoply plywood products should be detailed by qualified design professionals to meet the requirements of New Zealand Building Code (NZBC) Durability Clause B2.

Australian made Ecoply is available in F1 I/F8 stress grade in a range of surface appearance grades including CD and DD and is available untreated and H3.2 CCA treated.

## Product Identifier:

All Australian manufactured Ecoply structural plywood sheets are marked in accordance with the requirements of AS/NZS 2269, and include the brand name Ecoply®. An example of treated plywood is given below.

Ecoply CD Structural 19-30-7 A Bond EO AS/NZS 2269.0:2012 F1 I/F8 EWPA 333 AUSTRALIAN MADE  
OP DD/MM/YYY AS/NZS 1604.3:2012 046 01 H3 E H3.2 CCA Retreat cuts CHH.COM

**Place of manufacture:**



New  
Zealand



Overseas

**Legal and trading name of Manufacturer:** Carter Holt Harvey Plywood Pty Limited

**Address for Service:**

173 Captain Springs Road, Onehunga  
Auckland 1061, New Zealand

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

**Email Address:** [info@chhply.co.nz](mailto:info@chhply.co.nz)

**Phone Number:** 0800 326 759

**NZBN:** N/A

**Legal and trading name of importer:** Carter Holt Harvey Plywood Limited

**Address for Service:**

173 Captain Springs Road, Onehunga  
Auckland 1061, New Zealand

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

**Email Address:** [info@chhply.co.nz](mailto:info@chhply.co.nz)

**Phone Number:** 0800 326 759

**NZBN:** 9429046427366

**Relevant New Zealand Building Code Clauses:**

- Clause B1 Structure: Performance B1.3.1, B1.3.2, B1.3.4(d)
- Clause B2 Durability: Performance B2.3.1 (a) when used and treated to the requirements of NZS 3602
- Clause F2 Hazardous Building Materials: F2.3.1

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

Ecoply structural plywood, designed in accordance with NZS 3603 or as specified in E2/AS1 or NZS 3604, assists in meeting the following provisions of the NZBC:

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

Ecoply is product certified by the Engineered Wood Products Association of Australasia (EWPPAA) as being manufactured in accordance with the joint New Zealand / Australian Standard AS/NZS 2269, Structural Plywood. The EWPPAA is accredited for product certification by the Joint Accreditation System of Australia and New Zealand (JAS -ANZ).

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

Ecoply structural plywood is manufactured to meet the requirements of the NZBC Clause B2 Durability. As such, if the product is used in accordance with good building practices and treated to the required treatment levels prescribed in NZS 3602, it will form part of an Acceptable Solution complying with the requirements of the NZBC (Acceptable Solution B2/AS1, 3.2.1).

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

Ecoply structural plywood meets this requirement and will not present a health hazard to people.

### **Limitations on the use of the building product:**

- Ecoply structural plywood, CCA Treated Ecoply plywood must not be installed in direct contact to steel frames.
- Appropriate clearances to ground must be provided to meet durability requirements as detailed by design professionals.
- Please refer to the current “Ecoply Specification & Installation Guide” for information, limitations, and cautions regarding the storage, handling, installation, usage, and maintenance of Ecoply structural plywood.

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

Ecoply structural plywood, designed in accordance with Verification Method B1/VM1 or specified in accordance with Acceptable Solutions E2/AS1 and B1/AS1 is suitable for use as structural panels within structural systems designed and specified by engineers and other suitable design professionals. Ecoply structural plywood is to be installed in accordance with the specifications and details provided by design professionals.

Span Tables within the Ecoply Specification and Installation Guide have had design completed in accordance with NZS 3603 (verification method B1/VM1, 6.1). Serviceability and other criteria were selected using guidelines available from joint Australian / New Zealand standards technical committees as applicable.

Bracing Capacities, determined in accordance with P21 testing methods, are published for use in conjunction with bracing demand determined in accordance with NZS 3604 (P21 tests form part of an Acceptable Solution of NZS 3604, (Acceptable Solution B1/AS1, 3.1)).

### **Installation requirements:**

Ecoply structural plywood must be installed in accordance with good building practice, sound design principles, and in accordance with the specifications and installation details provided within the current “Ecoply Specification & Installation Guide” or by the engineer and/or other qualified design professionals as applicable.

The specifications and details are available at our web site [www.chhply.co.nz/librarytools](http://www.chhply.co.nz/librarytools).

### **Maintenance Requirements:**

Ecoply structural plywood components will not normally require maintenance. However, in circumstances where coatings have been applied, maintain in accordance with coating manufacturers requirements.

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

Yes  No

Date: 15<sup>th</sup> December 2023

#### Additional Information:

Further to the minimum regulatory requirements for Building Product Information Sheets, CHH Plywood AU also provides the following additional information in relation to Quality Assurance, Sustainability, Service Life and Product Support.

#### Quality Assurance:

CHH Plywood AU has strict quality assurance processes in place to monitor that Ecoply is manufactured in a manner that meets both the structural and visual requirements of the specific product.

Ecoply is independently third party audited by the EWPAA. The EWPAA certifies Ecoply manufactured by CHH Plywood AU at its Myrtleford mill.

Participation and compliance with the requirements of the EWPAA's process based quality control scheme includes product testing and monitoring of properties. It provides the basis for the EWPAA's Product Certification of Ecoply as conforming to the requirements of AS/NZS 2269.

The EWPAA's product certification scheme is accredited under JAS-ANZ.

#### Sustainability:

Carter Holt Harvey's commitment to the environment is fundamental to its business. From the use of plantation forests to promoting policies minimizing waste and emissions, CHH is proud of the sustainable base for its products.

CHH Plywood AU uses waste handling procedures to optimise recovery and manage the creation of arisings. This starts with the use of only radiata pine sourced from sustainably managed renewable plantations and includes the application of optimisation algorithms for veneer peeling to enhance finished goods recovery.

#### ENVIRONMENT, SOCIAL AND GOVERNANCE (ESG)

Carter Holt Harvey has developed a new ESG reporting programme. The company has focused on setting out what its stakeholders have identified as material ESG issues, how it manages, or plans to manage those issues, and key environmental indicators. In the future, Carter Holt Harvey will celebrate its ESG achievements and acknowledge those areas where it needs to improve, keeping on a path of steady improvement that will further strengthen Carter Holt Harvey in the years to come.

[View and Download ESG Report - https://chhply.co.nz/assets/CarterHoltHarveyESGReportCurrent.pdf](https://chhply.co.nz/assets/CarterHoltHarveyESGReportCurrent.pdf)

## FSC® AND SUSTAINABILITY ACCREDITATIONS

CHH Plywood AU sources logs from sustainably managed plantation forests, and has the Forest Stewardship Council® (FSC®) Chain of Custody certification (FSC® C018480). This measure provides a formal assurance that gives CHH Plywood's customers confidence about its sustainability credentials. CHH Plywood AU's products can be supplied with a FSC certificate on request.

### [View and Download Certificate](#)

<https://chhply.com.au/assets/Uploads/CHHPlywoodPtyLtdFSCCertificateMyrtlefordCurrent.pdf>

## EWPAA FORMALDEHYDE EMISSION CLASSIFICATIONS CERTIFICATE

Formaldehyde Emissions for CHH Plywood AU products are measured as being less than 0.3 mg/L, classed as Super E0

### [View and Download Certificate](#)

<https://chhply.com.au/assets/Uploads/CHHPlywoodPtyEWPAACertificatePLCSMyrtlefordCurrent.pdf>

## Service Life:

Ecoply Structural Plywood will continue to satisfy the relevant performance requirements of the NZBC for 50 years (or other time periods as specified by the designer relative to the specific project) provided that all of the requirements set out in this Product Technical Statement and the specific design parameters of the project are satisfied.

## Product Support:

CHH Plywood provides extensive product support for our full range of wood-based building products. By visiting [www.chhply.co.nz](http://www.chhply.co.nz) you can access all the latest information regarding our products including Product Guides, Specification and Installation Guides, Technical Notes, Information Bulletins, CAD Drawings, Design Software and other useful information.

In addition to this CHH Plywood have a team of Technical Experts available to assist with any product enquiries. You can contact the team by calling 0800 326 759 or by emailing [info@chhply.co.nz](mailto:info@chhply.co.nz).

**Legal Disclaimer:** The information contained in this document is current as at published date and is based on data available to CHH Plywood at the time of going to print. CHH Plywood reserves the right to change the information contained in this document without prior notice. It is your responsibility to ensure that you have the most up to date information available. You can call toll free on 0800 326 759 or visit [www.chhply.co.nz](http://www.chhply.co.nz) to obtain current information. CHH Plywood has used all reasonable endeavours to ensure the accuracy and reliability of the information contained in this document. However, to the maximum extent permitted by law, CHH Plywood assumes no responsibility or liability for any inaccuracies, omissions or errors in this information nor for any actions taken in reliance on this information.