

PRODUCT TECHNICAL STATEMENT & BUILDING PRODUCT INFORMATION SHEET

CLASS I
OCTOBER 2023

Product Name: Handiply® Plywood

Application: Garage Ply



Product Description and Intended Use:

Handiply® Garage Ply plywood is a layered panel made from New Zealand pine wood veneers manufactured by Carter Holt Harvey Plywood Limited (CHH Plywood) in a CD surface finish with a 'V' groove profile running along the sheet at 100 mm centres. The panels are nominally 12 mm thick and available in square edge or tongue and groove and 2400x1200 in size. The panels are non-structural and are available untreated only, targeted for internal lining where a level of imperfection in appearance may be permitted.

Non-structural plywood may contain sheet imperfections including, but not limited to, edge damage, core overlaps and surface inconsistencies.

Where structural plywood is required, refer to the relevant Ecoply or Shadowclad literature at www.ecoply.co.nz or www.shadowclad.co.nz

Product Identifier:

All Handiply Garage Ply plywood sheets are marked and include the brand name Handiply®, and also noting the product as well as stamping "Non Structural" and the nominal thickness. An example of untreated Garage plywood is given below:

HANDIPLY GARAGE LINING NON STRUCTURAL 12MM
PAT 12/12/2023 12:23:45 CHH.COM

Place of manufacture: Tokoroa, New Zealand

Legal and trading name of the manufacturer: Carter Holt Harvey Plywood Limited

Address for Service:

173 Captain Springs Road, Onehunga
Auckland 1061, New Zealand

Website: www.chhply.co.nz

Email Address: info@chhply.co.nz

Phone Number: 0800 326 759

NZBN: 9429046427366

Relevant New Zealand Building Code Clauses:

- 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:

Handiply Garage Ply lining assists in meeting the following provisions of the New Zealand Building Code ("NZBC"):

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

Handiply Garage Ply 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

Handiply Garage Ply plywood meets this requirement and will not present a health hazard to people.

Limitations on the use of the building product:

- Handiply Garage Ply plywood must not be used in any applications requiring compliance with the New Zealand Building Code (NZBC) or in applications where structural performance, including bracing applications, is required.
- Please refer to the current "Garage Ply Installation Guide" for information, limitations, and cautions regarding the storage, handling, installation, usage, and maintenance of Garage plywood.

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

Handiply Garage Ply plywood must not be used in any applications requiring compliance with the NZBC or in applications where structural performance, including bracing applications, is required.

Installation requirements:

HandiPLY Garage Ply 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 "Garage Ply Installation Guide" or other qualified design professionals as applicable.

The specifications and details are available at our web site www.chhply.co.nz/librarytools.

Maintenance Requirements:

HandiPLY Garage Ply plywood lining will not normally require maintenance. However, in circumstances where coatings have been applied, maintain in accordance with the coating manufacturer's requirements.

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

Yes No

Date: 5th October 2023

Additional Information:

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

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 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.

CHH Plywood has been actively involved in the development of markets for the use of downgraded arising product for use in industrial applications including packaging whilst peeler cores are often reprocessed for use as bearers. All waste product derived is assessed for downstream applications including bark for landscaping, boiler fuel and/or sold for use in wood fibre products.

ENVIRONMENTAL PRODUCT DECLARATION (EPD)

The CHH Plywood EPD is a demonstration of the continual focus and commitment to sustainability, through a science driven, independently verifiable process with standard methodology across all products.

[View and Download the EPD for Plywood - https://chhply.co.nz/assets/CHHPlyEPDCurrent.pdf](https://chhply.co.nz/assets/CHHPlyEPDCurrent.pdf)

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 sources logs from sustainably managed plantation forests, and has the Forest Stewardship Council® (FSC®) Chain of Custody certification (FSC® C012019). This measure provides a formal assurance that gives CHH Plywood's customers confidence about its sustainability credentials. CHH Plywood's products can be supplied with a FSC certificate on request.

[View and Download Certificate - https://chhply.co.nz/assets/CHHPlyFSCCertificateTokoroaCurrent.pdf](https://chhply.co.nz/assets/CHHPlyFSCCertificateTokoroaCurrent.pdf)

DECLARE LABEL

The CHH Plywood range of untreated products have been issued Declare labels and determined to be Red List Free through the International Living Future Institute, and as such the untreated range can be used in Living Building Challenge.

[View and Download the Declare label for Ecoply Untreated Structural Plywood - https://chhply.co.nz/assets/DeclareEcoplyUntreatedStructuralPlywoodCurrent.pdf](https://chhply.co.nz/assets/DeclareEcoplyUntreatedStructuralPlywoodCurrent.pdf)

EWPA FORMALDEHYDE EMISSION CLASSIFICATIONS CERTIFICATE

Formaldehyde Emissions for CHH Plywood products are measured as being less than 0.5 mg/L, classed as E0

[View and Download Certificate](https://chhply.co.nz/assets/Tokoroa-Formaldehyde-Certificate_Nov-2016.pdf)

https://chhply.co.nz/assets/Tokoroa-Formaldehyde-Certificate_Nov-2016.pdf

CARTER HOLT HARVEY ENVIRONMENTALLY RESPONSIBLE WOOD & WOOD FIBRE PROCUREMENT POLICY

[View and Download Policy - https://chhply.co.nz/assets/Uploads/CHH-Environmentally-Responsible-Wood-Wood-Fibre-Policy-Current.pdf](https://chhply.co.nz/assets/Uploads/CHH-Environmentally-Responsible-Wood-Wood-Fibre-Policy-Current.pdf)

Product Support:

CHH Plywood provides extensive product support for our full range of wood-based building products. By visiting 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.

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 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.