

PRODUCT TECHNICAL STATEMENT & BUILDING PRODUCT INFORMATION SHEET

CLASS I
OCTOBER 2023

Product Name: Utilityclad™



Application: Exterior Cladding not requiring compliance with NZBC Clause E2, External Moisture

Product Description and Intended Use:

Utilityclad is not suitable as an exterior cladding where a high level of visual finish and/or compliance with New Zealand Building Code (NZBC) Clause E2 External Moisture is required. Suitable cladding applications include un-lined structures such as: Sheds & Barns, Farm Buildings and/or General Utility Buildings. Utilityclad panels are available in either grooved or textured profiles and in either Natural or Ultra (Pre- Primed) finishes and treated to either a H3.1 or H3.2 level.

Utilityclad is not suitable for applications such as residential and commercial cladding which require a higher level of visual finish and/or compliance with NZBC Clause E2 External Moisture. Where compliance with NZBC Clause E2 External Moisture is required, CHH Ply recommends the use of Shadowclad exterior cladding.

Utilityclad 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.chhply.co.nz/librarytools.

Product Identifier:

All Utilityclad structural plywood sheets are marked in accordance with the requirements of AS/NZS 2269, and include the brand name HandiPLY® Utilityclad. Further, all Utilityclad sheets are marked with "NOT SUITABLE FOR BUILDINGS REQUIRING E2 COMPLIANCE". An example of H3.1 treated plywood is given below:

SECONDS HANDIPLY UTILITYCLAD STRUCTURAL
A BOND EO AS/NZS 2269.0:2012
NOT SUITABLE FOR BUILDINGS REQUIRING E2 COMPLIANCE
AS/NZS 1604.1:2021 AS/NZS 1604.3:2012 I3I 64 H3 E H3.1 LOSP
RETREAT CUTS PAT 12/12/2023 12:23:45 CHH.COM



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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 B1 Structure: Performance B1.3.1, B1.3.2, B1.3.3 (a, c, h, j, q), 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:

Utilityclad, if employed in accordance with the Utilityclad Product Range Technical Note, will assist in the building meeting the following provisions of the NZBC, provided it is correctly installed as part of an otherwise compliant exterior wall assembly.

Clause B1 Structure: Performance B1.3.1, B1.3.2, B1.3.3 (a, c, h, j, q), B1.3.4(d)

Utilityclad is Product Certified by the Engineered Wood Products Association of Australasia (EWPAA) as being manufactured in accordance with the joint New Zealand / Australian Standard AS/NZS 2269, Structural Plywood, and then bandsawn and grooved as required. The EWPAA 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

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

Limitations on the use of the building product:

- Utilityclad sheets may contain defects up to 5% of the area of the sheet surface. Defects may include but are not limited to:
 - Ship lap edge damage
 - Surface delamination associated with natural defects
 - Visual blemishes including bald patches and texture inconsistencies
 - Veneer overlaps
 - Surface ridges and veneer mis presses
 - Chain marks, visible glue line, stone chips
- Utilityclad sheets must not be used for any application requiring a building consent subject to the provisions of NZBC Clause E2 External Moisture.
- H3.2 CCA treated Utilityclad must not be installed in direct contact to steel frames
- Please refer to the current “Utilityclad Product Range Technical Note” for information, limitations, and cautions regarding the storage, handling, installation, usage, and maintenance of Utilityclad.

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

Utilityclad will meet the structural and durability requirements of the NZBC as a cladding product. However CHH Ply will not warrant Utilityclad used in applications required to meet Clause E2 External Moisture of the NZBC or any issues relating to surface appearance or finish of the product.

Design responsibility lies with the building owner and the professionals that the owner engages. The Specifier for the project must ensure that Utilityclad™ is an appropriate cladding for their individual project. The Specifier must also provide their own specific design or detailing for any areas that fall outside the scope and specifications of this literature.

Good detailing which avoids moisture or dust accumulation on the sheet surface can help increase durability and aesthetics. Roof overhangs contribute to performance as they offer shade and will protect walls from rain and dust.

Installation requirements:

Utilityclad must be installed in accordance with good building practice, sound design principles, and the requirements of the Utilityclad Product Range Technical Note. The specifications and details are available at www.chhply.co.nz/librarytools or ask CHH Plywood by calling 0800 326 759 for information.

Maintenance Requirements:

All cladding materials, including Utilityclad, require careful and regular product maintenance by the building owner throughout the cladding's normal service life to ensure long term durability and to maintain visual aesthetics. It is important that you refer to, and follow, the requirements of the Utilityclad Product Range Technical Note.

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 Quality Assurance, Sustainability, Service Life and Product Support.

Quality Assurance:

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

Utilityclad is independently third party audited by the EWPA. The EWPA certifies EcoPLY manufactured by CHH Plywood at its Tokoroa mill.

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

The EWPA'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 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)

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

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)

Service Life:

Utilityclad will continue to satisfy the performance requirements of the NZBC for 15 years, provided that all of the requirements set out in this Product Technical Statement and the current Shadowclad Specification and Installation Guide for Cavity Construction are followed.

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.

