

## Ecoply® Plywood Products: General/Specific Design

	<p>Ecoply® structural plywood is a layered panel made from New Zealand pine wood veneers manufactured by Carter Holt Harvey Plywood Limited (CHH Plywood) to the requirements of AS/NZS 2269. The 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. Adjacent layers (veneers) are typically at right angles to each other to deliver two-way strength and stability.</p> <p>Ecoply is available in F8 and F11/F8 stress grades in a range of surface appearance grades including BD, CD, and DD and is available untreated, H3.1 LOSP treated and H3.2 CCA treated.</p>
Scope of Use	<p>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.</p> <p>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.</p>
Limitations / Disclaimer	<p>CCA Treated Ecoply Plywood must not be installed in direct contact to steel frames.</p> <p>Appropriate clearances to ground must be provided to meet durability requirements as detailed by design professionals.</p> <p>Please refer to the current “Ecoply Specification &amp; Installation Guide” for information, limitations, and cautions regarding the storage, handling, installation, usage, and maintenance of Ecoply structural plywood.</p>
Compliance with the New Zealand Building Code	<p>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:</p> <p><b>Clause B1 Structure: Performance B1.3.1, B1.3.2, B1.3.4(d)</b></p> <p>Ecoply 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. The EWPAA is accredited for product certification by the Joint Accreditation System of Australia and New Zealand (JAS -ANZ).</p> <p><b>Clause B2 Durability: Performance B2.3.1(a) when used and treated to the requirements of NZS 3602</b></p>

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	<p>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).</p> <p><b>Clause F2 Hazardous Building Materials: F2.3.1</b></p> <p>Ecoply Structural plywood meets this requirement and will not present a health hazard to people.</p>
<p>Quality Assurance</p>	<p>CHH Plywood 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.</p> <p>Ecoply is independently third party audited by the EWPAA. The EWPAA certifies Ecoply manufactured by CHH Plywood at its Tokoroa mill.</p> <p>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.</p> <p>The EWPAA's product certification scheme is accredited under JAS-ANZ.</p>
<p>Sustainability</p>	<p>Ecoply is manufactured from plantation pine grown in New Zealand. It is grown on tree farms which are tended and harvested to provide wood for plywood manufacture and other applications. The crop is managed on a sustainable basis to yield millable trees. New Zealand plantations are managed in compliance with the New Zealand Forest Accord, a voluntary agreement signed in 1991 between New Zealand forest managers and environmental non-government organisations.</p> <p>Ecoply is manufactured in New Zealand, at the CHH Plywood Tokoroa Plywood Mill. Ecoply is available Forestry Stewardship Council (FSC) Certified on request (SCS-COC-001316).</p>
<p>Installation Requirements</p>	<p>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 by the engineer and/or other qualified design professional.</p>
<p>Service Life</p>	<p>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.</p>



**Product Technical Statement**

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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.
Product Support	<p>CHH Plywood provides extensive product support for our full range of wood based building products. By visiting <a href="http://www.ecoply.co.nz">www.ecoply.co.nz</a> 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.</p> <p>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 <a href="mailto:info@ecoply.co.nz">info@ecoply.co.nz</a>.</p>
Legal Disclaimer	<p>The information contained in this document is current as at August 2015 and is based on data available to CHH Plywood at the time of going to print.</p> <p>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 <a href="http://www.ecoply.co.nz">www.ecoply.co.nz</a> to obtain current information.</p> <p>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.</p>