

Ecoply® Plywood Products: Grooved Lining

<p>Product Description</p>	<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 Grooved Lining is manufactured in an uncoated high appearance surface finish with a 'V' groove profile running along the sheet at 100 mm centres. The panels are nominally 12 mm thick, available with a tongue and groove long edge and 2700x1200 and 2400x1200 in size. Ecoply Grooved Lining is supplied either untreated or H3.1 LOSP treatment levels.</p>
<p>Scope of Use</p>	<p>Ecoply Grooved Lining is targeted for use as an internal lining. Ecoply Grooved Lining, specified in accordance with the current "Ecoply Specification & Installation Guide", is suitable for use as structural bracing and ceiling diaphragms when:</p> <ul style="list-style-type: none"> • Specified in and installed in accordance with Ecoply Bracing Specification Requirements EP1; or • Installed as a structural ceiling diaphragm in accordance with Section 13, NZS 3604 • Used in internal applications only <p>The durability of Ecoply Grooved Lining used as bracing or ceiling diaphragms in residential applications is subject to the requirements of NZS 3602 Timber and Wood Based Products for use in building (NZS 3602), in accordance with New Zealand Building Code (NZBC) Clause B2 Durability.</p>
<p>Limitations / Disclaimer</p>	<p>Please refer to the current "Ecoply Specification & Installation Guide" and the "Ecoply Grooved Lining Technical Note" for information, limitations, and cautions regarding the storage, handling, installation, usage, and maintenance of Ecoply structural plywood.</p>
<p>Compliance with the New Zealand Building Code</p>	<p>Ecoply Grooved Lining, specified as bracing and employed in accordance with Section 3 of the "Ecoply Specification & Installation Guide", assists in meeting the following provisions of the NZBC:</p> <p>Clause B1 Structure: Performance B1.3.1, B1.3.2, B1.3.3(a,c,f,h,q), B1.3.4(d)</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>Bracing Capacities, determined in accordance with P21 testing methods, are part of an Acceptable Solution of NZS 3604, (Acceptable Solution B1/AS1, 3.1).</p>

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<p>Compliance with the New Zealand Building Code</p>	<p>Clause B2 Durability: Performance B2.3.1(a) when used and treated to the requirements of NZS 3602</p> <p>Ecoply Grooved Lining 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>Clause F2 Hazardous Building Materials: F2.3.1</p> <p>Ecoply Grooved Lining 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>

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Installation Requirements	<p>Ecoply Grooved Lining used as bracing or structural diaphragms to NZS 3604 must be installed in accordance with good building practice, sound design principles, and the requirements of Section 3.0 of the current “Ecoply Specification & Installation Guide”. The specifications and details are available at CHH Plywood web site www.ecoply.co.nz or ask CHH Plywood by calling 0800 326 759 for information.</p> <p>Ecoply Grooved Lining is designed as an internal lining only that does not requiring bracing, with tongue and groove connections on the long edge which is acceptable.</p>
Service Life	<p>Ecoply Grooved Lining used as bracing or structural diaphragms to NZS 3604 will continue to satisfy the relevant performance requirements of the NZBC for 50 years provided that all of the requirements set out in this Product Technical Statement are met.</p>
Maintenance Requirements	<p>Ecoply Grooved Lining will not normally require maintenance. However, in circumstances where coatings have been applied, maintain in accordance with coating manufacturers requirements.</p>
Product Support	<p>CHH Plywood provides extensive product support for our full range of wood based building products. By visiting www.ecoply.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.</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 info@ecoply.co.nz.</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 www.ecoply.co.nz 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>