

EZIPLY

PURPOSE

ITI NZ Ltd supplies EziPly CD and DD Structural Ply for use as wall bracing; a lining for internal walls; ceilings and soffits; and a substrate for floors, decks and roofs.

ITI NZ Ltd supplies EziPly Tongue and Groove Ply Flooring for use as flooring and EziPly Tongue and Groove Ply Flooring for a deck or roof substrate. These products have a tongue and groove profile.

EXPLANATION

EziPly CD and DD Structural Ply, EziPly Tongue and Groove Ply Flooring and EziPly Tongue and Groove Ply Roofing (EziPly) is a plywood sheet manufactured to AS/NZS 2269:2012 from FSC certified radiata pine face with a hardwood core and uses an exterior phenol formaldehyde resin. The faces have a medium to fine finish, 150-grit sanded.

EziPly is supplied treated and untreated. It is CCA or MCA LOSP or MCA (waterborne) treated to H3.2 in accordance with Table 1 (1B.4) of NZS 3602.

EziPly CD and DD Structural Ply is available as follows:

- › length (mm) 2400, 2700
- › width (mm) 1200

EziPly Tongue and Groove Ply Flooring is available in:

- › length (mm) 2400, 2700, 3000
- › width (mm) 1200

EziPly Tongue and Groove Ply Roofing is available in:

- › length (mm) 2700
- › width (mm) 1200



For further assistance please contact:

- › 09 620 0260
- › sales@iti.net.nz
- › iti.net.nz

- › thickness (mm) 7, 9, 12, 15, 17, 19 and 21

- › thickness (mm) 17, 19 and 21.

- › thickness (mm) 15.

SCOPE AND LIMITATIONS OF USE

Scope	Limitations
<p>Location</p> <p>In wind zones up to extra high, as defined in NZS 3604:2011 or to a design wind pressure (ULS) of 2.1 kPa.</p> <p>In all corrosion zones as defined in NZS 3604:2011.</p> <p>At least 1 m from a relevant boundary.</p>	<p>› Where microclimatic conditions apply as set out in paragraph 4.2.4 of NZS 3604:2011, contact ITI Timspec for advice.</p>
<p>Building</p> <p>In conjunction with a primary structure that complies with the NZ Building Code or where the designer and/or installer has established that the existing structure is suitable for the intended building work.</p> <p>As a wall bracing element (EziPly CD and DD Structural Ply).</p> <p>As a wall, ceiling or soffit lining (EziPly CD and DD Structural Ply).</p> <p>As flooring or a deck or roof substrate.</p>	<p>› The wall assembly must be in accordance with the tested assembly.</p> <p>› The moisture content of the supporting timber framing must not exceed 18 %.</p> <p>› EziPly must only be used where a material group number of no less than 3 is required.</p> <p>› Where used as a floor, deck or roof substrate a ply with minimum thickness of 15 mm must be used.</p> <p>› Cannot be exposed to the elements for a period greater than 90 days.</p>

USEFUL INFORMATION

For design, installation and maintenance information, refer to iti.net.nz.



PERFORMANCE CLAIMS

If designed, installed and maintained in accordance with all ITI NZ Ltd requirements, the EziPly will comply with or contribute to compliance with the following performance claims:

NZ Building Code clauses	BASIS OF COMPLIANCE	
	Compliance statement	Demonstrated by
B1 STRUCTURE	ACCEPTABLE SOLUTION B1/AS1 (<i>building element</i>) And VERIFICATION METHOD B1/VM1 (<i>building work</i>)	<ul style="list-style-type: none"> Tested to AS/NZS 2269.1:2012, as referenced in NZS 2269.0:2012 (Shanghai Hongjun Science & Technology Co., Ltd., 14/12/2021, 13/01/2022, 16/01/2022; Omax Global, n.d.). Tested to P21 Wall and bracing test and evaluation procedure, as cited in NZS 3604:2011 (Scion, 18/11/2021a, 18/11/2021b, 18/11/2021c).
B2 DURABILITY B1.3.1, B1.3.2, B1.3.3 (a, h, j, k, q), B1.3.4, B2.3.1 (b)	ACCEPTABLE SOLUTION	<ul style="list-style-type: none"> CCA and MCA LOSP and MCA (waterborne) treatment tested (IVS Labs, 05/11/2021; Koppers Performance Chemicals New Zealand, 01/11/2023; 14/11/2023; 08/03/2024).
F2 HAZARDOUS BUILDING MATERIALS F2.3.1	ALTERNATIVE SOLUTION	<ul style="list-style-type: none"> Fujian Mingwu Bamboo and Wood Technology Co., Ltd. MSDS. [08/03/2020]. Use in accordance with supplier's safety requirements.

SOURCES OF INFORMATION

- Shanghai Hongjun Science & Technology Co., Ltd. [14/12/2021] *Entrusted test to AS/NZS 2269.0*. Report No: HJ-QT-17450-R1.
- Shanghai Hongjun Science & Technology Co., Ltd. [13/01/2022] *Entrusted test to AS/NZS 2269.0*. Report No: HJ-QT-17463.
- Shanghai Hongjun Science & Technology Co., Ltd. [16/01/2022] *Entrusted test to AS/NZS 2269.0*. Report No: HJ-QT-17467.
- IVS Labs. [5/11/2021] Report Number R59164 (1).
- Scion. [18/11/2021a] *P21:2010 400mm x 2.4m 7.0mm Plywood with Brackets*.
- Scion. [18/11/2021b] *P21:2010 600mm x 2.4m 7.0mm Plywood with Brackets*.
- Scion. [18/11/2021c] *P21:2010 1200mm x 2.4m 7.0mm Plywood with Brackets*.
- BSI. [06/04/2021]. *AS/NZS 2269 Plywood – Structural Specifications*. Certificate no. BMP 741148. Fujian Mingwu Bamboo and Wood Technology Ltd.
- Fujian Mingwu Bamboo and Wood Technology CO., Ltd [08/03/2020]. *Material Safety Data Sheet*.
- Treat Right. [10/12/2021]. *Timber Treatments part of programme*. Retrieved from <https://www.graderight.co.nz/home/treat-right-company-list/>. [Accessed 24/03/2022].
- NZ Timber Preservation Council [03/2022] Lumbercorp NZ Ltd - Ohinewai. Site number 435. Retrieved from <https://www.nztpc.co.nz/woodmarkLicensees.php>. [Accessed 24/03/2022].
- Koppers Performance Chemicals New Zealand. [01/11/2023] Analysis Report. Number 66378.
- Koppers Performance Chemicals New Zealand. [14/11/2023] Analysis Report. Number 66437.
- Koppers Performance Chemicals New Zealand. [08/03/2024] Analysis Report. Number 24/099.
- Omax Global. [n.d.] Xiamen Omax Global Co., Ltd. Producer Statement. EziPly.

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1. Where a standard is referenced it is to be read as amended by the acceptable solution or verification method as applicable. 2. Sources of information also include the Building Act 2004 and its regulations, including the Building Code (Schedule 1 of the Building Regulations 1992), Acceptable Solutions and Verification Methods, and relevant cited standards. 3. The product is not subject to a warning or ban under section 26 of the Building Act. 4. For overseas manufacturer details, where applicable, refer to the company that is the holder of this pass™. 5. The quality and assurance that the supplied products meet the performance claims stated in this pass™ are the responsibility of the company that is the holder of this pass™. 6. The availability of the information about the supplied products required to be disclosed under s14G(3) is the responsibility of the company that is the holder of this pass™.

ITI NZ Ltd confirms that if EziPly is used in accordance with the requirements of this pass™ the product will comply with the NZ Building Code and other performance claims set out in this pass™ and the company has met all of its obligations under s14G(2) of the Building Act.

Date of first issue: 16/12/2021

Date of current issue: 05/04/2024

NZBN: 9429039666970

Kevin Brunton

Kevin Brunton, Technical Director, TBB confirms that the process used to prepare this pass™ on behalf of ITI NZ Ltd has been undertaken in accordance with MBIE PTS guidelines and in accordance with the TBB pass™ process which is within the scope of TBB's ISO 9001 certification.

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