

STRUCTURAL CD AND DD PLY

PURPOSE

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

EXPLANATION

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

It is CCA treated to meet H3 preservative retention in the penetration zone as per Table H3.1 of AS/NZS 1604.3:2012 and in accordance with Table 1 (1B.4) of NZS 3602.

Structural CD and DD Ply is available as follows:

- length (mm) 2400, 2700
- thickness (mm) 7, 9, 12, 15, 18.
- width (mm) 1200



For further assistance please contact:

- ☎ 09 620 0260
- ✉ sales@ititimspec.co.nz
- 🌐 www.ititimspec.nz

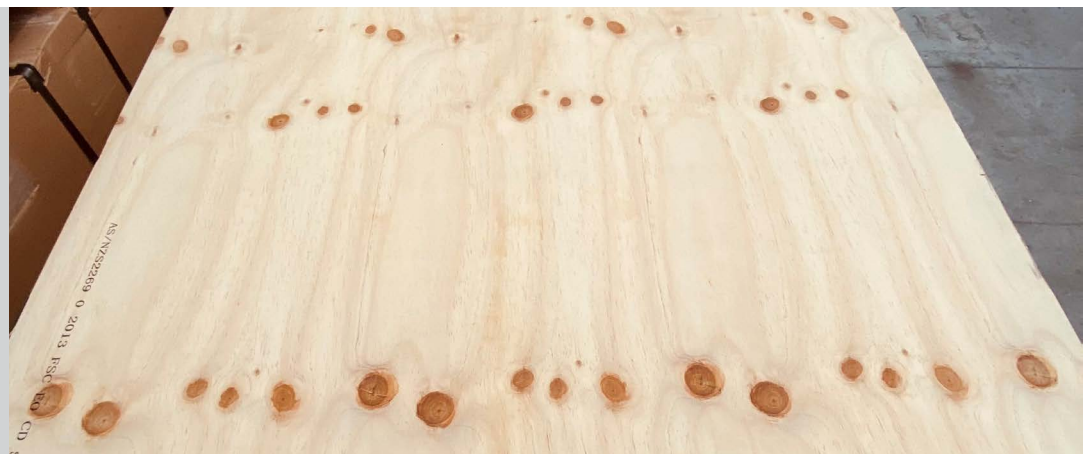


SCOPE AND LIMITATIONS OF USE

Scope	Limitations
Location In wind zones up to extra high, as defined in NZS 3604:2011 or to a design wind pressure (ULS) of 2.1 kPa. In all corrosion zones as defined in NZS 3604:2011. At least 1 m from a relevant boundary.	➤ Where microclimatic conditions apply as set out in paragraph 4.2.4 of NZS 3604:2011, contact ITI Timspec for advice.
Building 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. As a wall bracing element. As a substrate or lining.	➤ The wall assembly must be in accordance with the tested assembly. ➤ For use as a substrate for a floor, deck or roof, 18 mm thick Structural CD and DD Ply must be used. ➤ The moisture content of the supporting timber framing must not exceed 18 %. ➤ Structural CD and DD Ply must only be used where a material group number of no less than 3 is required.

USEFUL INFORMATION

For information on the design, installation and maintenance of Structural CD and DD Ply and for our warranty refer to www.ititimspec.nz.



PERFORMANCE CLAIMS

If designed, installed and maintained in accordance with all ITI Timspec requirements, the Structural CD and DD Ply 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). ➤ 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	ALTERNATIVE SOLUTION	<ul style="list-style-type: none"> ➤ CCA treatment tested (IVS Labs, 05/11/2021).
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.*
- 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.*
- Fujian Mingwu Bamboo and Wood Technology CO., Ltd [08/03/2020]. *Material Safety Data Sheet.*



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COMPLIANCE DOCUMENTATION
FOR THIS PASS™.

www.ititimspec.nz



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.

ITI Timspec Ltd confirms that if Structural CD and DD Ply 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 s14 G of the Building Act.

Date of first issue: 16/12/2021

Date of current issue: 16/12/2021

NZBN: 9429039666970

Kevin Brunton

Kevin Brunton, Technical Director, TBB confirms that this pass has been prepared on behalf of the ITI Timspec Ltd and 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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