

Product Description

IBuilt structural plywood is available as both preservative treated and untreated, CD grade. It is manufactured from rotary peeled veneers sourced from FSC® Certified plantation grown Eucalyptus core with Radiata pine face and back. Veneers are bonded using a phenolic resin to form a structural A-Bond once cured. Veneers are orientated 90degrees which gives a structural rating in both directions, ie along and across the grain.

Thicknesses included 7mm, 9mm, 12mm, and 17mm with a square edge (SE).

Product Identifier

Structural plywood is identified by checking the rear 'D face' of the sheet for the following markings:

Manufacturer:	Fujian Mingwu Bamboo and Wood Technology Co., Ltd	
Product description	Structural	
Manufacturing standard	AS/NZS 2269	
Face & back veneer grade - Structural	CD	
Bond type	A BOND	
F-grade	Sheet Thickness	Stress Grade
	7mm	F8/F11
	9mm	F8/F11
	12mm	F11/F11
Panel construction	17mm	F11/F11
	7mm	7-8-5
	9mm	9-7-7
	12mm	12-9-7
Formaldehyde emissions class	EO	
Treatment class (if applicable)	H3.2 MCA veneer treatment	

Source of Product

IBuilt structural plywood is manufactured by Fujian Mingwu Bamboo and Wood Technology Co., Ltd and distributed by New Zealand Wood Products under the IBuilt brand. CMPC is 3rd party audited by b.s.i. Benchmark.

Manufacturer: Fujian Mingwu Bamboo and Wood Technology Co., Ltd
No.88 He An Industrial Park, Heping, Zhangping, Longyan, Fujian 364400 China.

NZ Distributor: New Zealand Wood Products Limited.
PO Box 76412, Manukau, Auckland 2241
www.IBuilt.co.nz
sales@IBuilt.co.nz
NZBN: 9429034720325

New Zealand Building Code Compliance

IBuilt structural plywood used in structures designed in accordance with NZS 3603 or as specified in E2/AS1 or NZS 3604, assists in meeting the following provisions of the NZBC:

B1 Structure:
B1.3.1, B1.3.2, B1.3.4(d)

IBuilt structural plywood is certified under b.s.i. Benchmark Product Certification Scheme, to AS/NZS2269.0. b.s.i. is accredited for product certification by the Joint Accreditation System of Australia and New Zealand (JAS -ANZ).

B2 Durability:
B2.3.1(a)

When used and treated as per the requirements of NZS 3602 IBuilt 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 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).

F2 Hazardous Building Materials:
F2.3.1

Scope of Use

IBuilt structural plywood can be used in all internal applications where a structural rated ply panel is required. Applications include bracing, gussets, portals, membrane substrates.

H3.2 treated product can be used in external above ground applications.

Limitations of Use

Untreated plywood must not be used externally or in high moisture areas. Treated plywood must not be used in contact with the ground. It is not recommended to use smooth face plywood as a cladding - refer to IBuilt CoreClad which is manufactured specifically for exterior use.

Ensure only compatible materials/fixings are in direct contact with H3 treated plywood.

These products are not subject to a warning or ban under section 26 of the Building Act 2004.

Installation

Structural plywood must be installed as per designer or engineer requirements using good building practise. Installation information can be found in the IBuilt Structural Plywood Guide.

Maintenance

Structural plywood will not normally require maintenance. Where coatings have been applied, refer to the coatings manufacturers maintenance instructions.

This document has been prepared to meet the requirements of the Building (Building Product Information Requirements) Regulations 2022