



IBUILT CoreClad

PURPOSE

IBUILT CoreClad is a plywood cladding panel; machined rough sawn, grooved and shiplapped. It is intended to be used as an external cladding.

EXPLANATION

IBUILT CoreClad panels are manufactured from a sustainable Hoop pine plantation resource to AS/NZS 2269:2004. The manufacture is EWPAA certified. It incorporates a Type A structural marine bond and supplied treated to H3.2. It is supplied Grade S-D, F14 in the following dimensions:

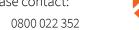
> Sheet thickness (mm) 12

> Sheet length (mm) 2440, 2745, 3050

> Sheet width (mm) 1200, 1216



For further assistance please contact:



enquiries@nzwoodproducts.co.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 2.5kPa.	
In all corrosion zones as defined in NZS 3604:2011.	> Where adverse microclimatic conditions apply, as set out in paragraph 4.2.4, NZS 3604:2011, contact IBUILT for technical advice.
On any building site.	Must be located further than 1 m from a relevant boundary.
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.	> The building is to fall within the scope of E2/AS1 paragraph 1.1 for building height and floor area.
CoreClad may be direct fixed or installed over a drained, ventilated cavity.	Direct fixed only applies where the elevation has a risk score of 6 or less (refer table 3, E2/AS1).

CONDITIONS OF USE

IBUILT CoreClad must be installed in accordance with section 9.8 E2/AS1.

USEFUL INFORMATION

For information on the design, installation and maintenance of IBUILT CoreClad and for our warranty refer to www.nzwoodproducts.co.nz.

CERTIFICATIONS:

CoreClad is manufactured by PNG Forest Products Ltd.

> EWPAA Product Certification Scheme PNG FP Mill Number 916, Issued 8 January 2019, AS/NZS 2269 Plywood Structural.

VERSION:



PERFORMANCE CLAIMS

If designed, installed and maintained in accordance with all IBUILT requirements, CoreClad will comply with or contribute to compliance with the following performance claims:

NZ Building Code clauses	BASIS OF COMPLIANCE	
	Compliance statement ¹	Demonstrated by
B1 Structure B1.3.1, B1.3.2, B1.3.3 (a, b, f, h, j, m, q) B1.3.4 (a, b, c, d, e)	ALTERNATIVE SOLUTION AS/NZS 2269	> Plywood manufactured to AS/NZS 2269 is referenced in E2/AS1 for use as a rigid air barrier and external cladding. This implies that plywood to this standard will have the necessary structural integrity for those uses.
B2 Durability B2.3.1(b) B2.3.1(b)	VERIFICATION METHOD B2/VM1: cl1.3 Verification through comparison with a	> AS/NZS1604.3, para 1.9 requires same characteristic values for penetration & retention as defined in NZS 3640:2003
	similar material.	> IVS test results show these values are met
E2 External Moisture E2.3.2, E2.3.5	ACCEPTABLE SOLUTION E2/AS1	> Installation to section 9.8
E2.3.7 (a, b, c) F2 Hazardous Building Materials F2.3.1	ALTERNATIVE SOLUTION	> PNG Forest Products Treatment Protocol

^{1.} The Compliance Statement is the pass holder's statement that they have met their obligations under s14G(2) of the Building Act 2004.

SOURCES OF INFORMATION

The following information was relied upon to prepare this pass:

- > EWPAA Product Certification Scheme PNG FP Mill Number 916, Issued 8 January 2019, AS/NZS 2269 Plywood Structural.
- > AS/NZS 2269:2012 Plywood Structural.
- > NZS 3604:2011 Timber framed buildings.
- NZS 3640:2003 Chemical preservation of round and sawn timber.
- > AS/NZS 1604.3:2012 Specification for preservative treatment Part 3 Plywood.



Signed on behalf of NZ Wood Products:

Note: Uncontrolled in printed format.

NAME: Bill Blackmore

POSITION: Managing Director

By signing this pass[™] the signatory confirms that, in respect of the subject of this pass[™], the company has met their s14G obligations under the Building Act 2004.



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