

IBUILT CoreClad

PURPOSE

IBUILT CoreClad is a plywood cladding panel for use as external cladding.

EXPLANATION

IBUILT CoreClad panels are manufactured from a sustainable Hoop pine plantation resource. Veneer are treated to H3 and manufactured into plywood sheets by bonding the treated veneers with a Type A structural marine bond. The plywood sheets are machined, rough sawn, grooved and shiplapped to form the finished cladding sheet.

The manufacture of IBUILT CoreClad panels is third party certified by EWPA to AS/NZS 2269:2012.

It is supplied Visual Grade S-D, F14 in the following dimensions:

- › Sheet thickness (mm) 12
- › Sheet length (mm) 2440, 2745, 3050
- › Sheet width (mm) 1200, 1216

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 exposure zones as defined in NZS 3604:2011. At least 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. Direct fixed or installed over a drained and ventilated cavity.	<ul style="list-style-type: none"> › Where adverse microclimatic conditions apply, as set out in paragraph 4.2.4, NZS 3604:2011, contact IBUILT for technical advice. › The building is to fall within the scope of E2/AS1 paragraph 1.1 for building height and floor area. › 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.



For further assistance please contact:

- ☎ 0800 022 352
- ✉ enquiries@nzwoodproducts.co.nz
- 🌐 www.nzwoodproducts.co.nz

USEFUL INFORMATION

For design, installation, maintenance and warranty information for IBUILT CoreClad, and for supply and manufacturing information, and the statement made about s26 of the Building Act 2004, refer to www.nzwoodproducts.co.nz.

OTHER CERTIFICATIONS HELD BY NZ WOOD PRODUCTS:

CoreClad is manufactured by PNG Forest Products Ltd.
› EWPA Product Certification Scheme PNG FP Mill Number 916, Issued 8 January 2019, AS/NZS 2269 Plywood Structural.

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	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	<ul style="list-style-type: none"> Manufactured to AS/NZS 2269 in accordance with EWPAA certification [EWPAA, 8/01/2019]. Plywood manufactured to AS/NZS 2269 is referenced in E2/AS1 for use as a rigid air barrier and external cladding, implying plywood manufactured to this standard will have the necessary structural integrity for those uses.
B2 Durability B2.3.1 (b) B2.3.2 (b)	ACCEPTABLE SOLUTION	<ul style="list-style-type: none"> Tested for H3 treatment retention and achieves requirements of AS/NZS 1604.3 in accordance with NZS 3602:2003 [Independent Verification Services, 31/01/2018].
E2 External Moisture E2.3.2, E2.3.5 E2.3.7 (a, b, c)	ACCEPTABLE SOLUTION E2/AS1	<ul style="list-style-type: none"> Installation to section 9.8.
F2 Hazardous Building Materials F2.3.1	ALTERNATIVE SOLUTION	<ul style="list-style-type: none"> Mill certified by EWPAA [EWPAA, 8/01/2019].

SOURCES OF INFORMATION

The following information was relied upon to prepare this pass:

- EWPA. [8/01/2019] *EWPA Certification Scheme Certificate*. Mill Number 916.
- Independent Verification Services [2018]. *Timber testing report to AS/NZS 1604.3:2012*. Test report no. 32952.

Scan or click this QR code for a full download of Compliance Documentation for this pass™.

www.nzwoodproducts.co.nz/products/brands/



- Where a standard is referenced it is to be read as amended by the acceptable solution or verification method as applicable.
- 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.
- 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™.
- 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™.

NZ Wood Products confirms that if is used in accordance with the requirements of this pass™ IBUILT CoreClad 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: 20/06/2019

Date of current issue: 30/06/2023

NZBN: 9429034720325

Kevin Brunton

Kevin Brunton, Technical Director, TBB confirms that the process used to prepare this pass™ on behalf of NZ Wood Products 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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