

# JSC SUPERIOR PLYWOOD CLADDING

## PURPOSE

JSC Superior Plywood cladding is supplied for use as an external wall cladding or an internal lining.

## EXPLANATION

JSC Superior Plywood cladding is a 12 mm, 5 ply sheet manufactured from okoume veneer faces with a 3 ply Douglas fir heartwood core. The plywood has a bandsawn finish. It is supplied with square edges in sheet sizes of 2440 x 1219 mm and 3050 x 1219 mm.

Where required, other finishes may be machined into the face of the panel.



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[www.jsctimber.co.nz](http://www.jsctimber.co.nz)



## SCOPE AND LIMITATIONS OF USE

Scope	Limitations
<b>Location</b> In wind zones up to very high as defined in NZS 3604:2011 or to a design wind pressure (ULS) of 2.39 kPa. In all exposure zones as defined in NZS 3604:2011. On buildings located more than 1 m from the relevant boundary.	<ul style="list-style-type: none"> <li>➤ All fixings must comply with E2/AS1 (table 20 and 21) for the appropriate exposure zone as defined in section 4 of NZS 3604:2011.</li> <li>➤ Where adverse microclimatic conditions apply, as described in paragraph 4.2.4 of NZS 3604:2011, contact JSC Timber for technical advice.</li> </ul>
<b>Building</b> 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 an external cladding.	<ul style="list-style-type: none"> <li>➤ Fixings at a maximum of 150 mm centres around the perimeter and 300 mm through the body.</li> <li>➤ JSC Superior Plywood cladding has not been evaluated as a wall bracing element.</li> <li>➤ Maximum building height of 10 m.</li> <li>➤ Floor area to fall within the scope of para. 1.1, E2/AS1.</li> <li>➤ May be direct fixed for unlined buildings only, otherwise must be fixed over a ventilated cavity in accordance with Table 3, E2/AS1.</li> </ul>
As an internal lining.	<ul style="list-style-type: none"> <li>➤ Where material group 3 or greater is required.</li> </ul>

## CONDITIONS OF USE

Where used as an external cladding

- JSC Superior Plywood cladding must be installed in accordance with section 9.8 of E2/AS1.
- An exterior grade paint or wood stain system must be applied to all faces and edges of the JSC Superior Plywood cladding prior to installation.
- A finishing coat must be applied to the exterior within 4 weeks of installation and thereafter recoated at time intervals in accordance with the coating supplier instructions.

## USEFUL INFORMATION

For information on the design, installation and maintenance of JSC Superior Plywood cladding and for our warranty refer to [www.jsctimber.co.nz](http://www.jsctimber.co.nz).

## VERSION:

## PERFORMANCE CLAIMS

If designed, installed and maintained in accordance with all JSC Timber requirements, JSC Superior Plywood cladding will comply with or contribute to compliance with the following performance claims:

NZ Building Code clauses	BASIS OF COMPLIANCE <sup>1</sup>	
	Compliance statement	Demonstrated by
<b>B1 Structure</b> B1.3.1, B1.3.2, B1.3.3 (a, b, f, h, j, m, q) B1.3.4 (b, c, d, e)	ALTERNATIVE SOLUTION	> Manufactured to U.S. Product Standard PS 1-09 [Swanson Group Manufacturing, 06/01/2020]. > Manufactured in accordance with APA – The Engineered Wood Association’s Adhesive Policy (manufacturer’s claim) [Swanson Group Manufacturing, 06/01/2020].
<b>B2 Durability</b> B2.3.1 (b), B2.3.2 (b)	ALTERNATIVE SOLUTION	> Manufactured to U.S. Product Standard PS 1-09 [Swanson Group Manufacturing, 06/01/2020]. > Douglas fir is classified as Class 3 durability with respect to decay in accordance with AS 5604-2003 [Meier, n.d.].
<b>E2 External Moisture</b> E2.3.2, E2.3.5, E2.3.7 (a, b, c)	ACCEPTABLE SOLUTION E2/AS1	> Installation to section 9.8 of E2/AS1.
<b>F2 Hazardous Building Materials</b> F2.3.1	ALTERNATIVE SOLUTION	> Does not contain added urea formaldehyde (manufacturer’s claim) [Swanson Group Manufacturing, 06/01/2020].

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<sup>2</sup>

- > Swanson Group Manufacturing. [6 January 2020] *Certification of compliance*.
- > U.S. Department of Commerce. [May 2010] *Voluntary Product Standard PS 1-09 Structural Plywood*. Retrieved from [https://www.nist.gov/system/files/documents/2017/06/13/doc\\_ps\\_1-09\\_structural\\_plywood.pdf](https://www.nist.gov/system/files/documents/2017/06/13/doc_ps_1-09_structural_plywood.pdf). [Accessed on 10/06/2020].
- > Meier, E. [n.d.]. *The Wood Database*. Retrieved from <https://www.wood-database.com>. [Accessed on 17/06/2020].



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

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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.

<b>VERSION:</b> .....	<b>DATE:</b> .....	Signed on behalf of JSC Timber:
<i>Note: Uncontrolled in printed format.</i>		
<b>NAME:</b> .....	Richard Gibbs	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.
<b>POSITION:</b> .....	Technical Manager	

