

# HUME PINE PINECLAD & PINETRIM XT VERTICAL SHIPLAP WEATHERBOARD SYSTEM

*Pinetrim<sup>XT</sup> Pineclad*

## PURPOSE

Hume Pine supplies the Pineclad and Pinetrim XT Vertical Shiplap Weatherboard system for use as an external cladding.

## EXPLANATION

The Pineclad and Pinetrim XT Vertical Weatherboard External Cladding system (the system) comprise timber weatherboards, fascia boards, and moulding profiles manufactured from finger-jointed, glulaminate, clear radiata pine.

### Pineclad:

- is manufactured in New Zealand from locally sourced timber
- is treated to hazard class H3.1 with a light organic solvent preservative (LOSP)
- components are pre-sanded and primed with an *oil-based primer* ready for top coating with a high-grade acrylic, two-coat system.

### Pinetrim XT:

- is manufactured in China from timber sourced from other countries including New Zealand
- is treated to hazard class H3.1 with LOSP
- components are pre-sanded and painted with an *acrylic primer and undercoat system* ready for top-coating with a high-grade acrylic, two-coat system.

Hume Pine supplies the following:

- 18 mm thick weatherboards, in 135 mm and 180 mm widths
- 18 mm and 29 mm thick fascia boards, in widths of 135 mm, 180 mm and 280 mm
- moulding profiles: Bevelled Cornice, Quad, Scotia, Scriber, D4S, D4S Eavesmould (with raised edge) Weather Grooved Boxed Corners, Sill, and Rustic Plug.



For further assistance please contact:

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- 🌐 [www.humpine.nz](http://www.humpine.nz)



## SCOPE AND LIMITATIONS OF USE

Scope	Limitations
<b>Location</b> In wind zones up to extra high as defined in NZS 3604:2011 or up to a design wind pressure (ULS) of 2.5 kPa. In all exposure zones as defined by NZS 3604:2011.	<ul style="list-style-type: none"> <li>➤ All fixings to comply with E2/AS1 (table 20 and 21) for the appropriate exposure zone as defined in NZS 3604:2011, section 4.</li> <li>➤ For use in microclimatic considerations (s4.2.4, NZS 3604:2011) refer to Hume Pine.</li> </ul>
Any proximity to a relevant boundary.	➤ Where located within 1 m of a relevant boundary it <u>must</u> be subject to specific fire engineering.
<b>Building</b> On timber or lightweight steel structural framing. In conjunction with a primary structure that complies with the NZ Building Code or where the designer has established that the existing structure is suitable for the intended building work. As an external cladding on all buildings.	<ul style="list-style-type: none"> <li>➤ A thermal break is required where the system is used in conjunction with steel framing.</li> <li>➤ On buildings up to 10 m in building height.</li> <li>➤ On buildings with a risk score of less than 20, when evaluated against the E2/AS1 risk matrix.</li> <li>➤ The system may be direct fixed where the E2/AS1 risk matrix risk score is 6 or less.</li> <li>➤ Above a risk score of 6 the system must be installed over a drained and ventilated cavity (maximum 45 mm). The battens must be structurally fixed in accordance with BRANZ BU582, at a maximum 480 mm crs.</li> <li>➤ In conjunction with a flexible building wrap or rigid air barrier (depending on location and wind zone) that meets the performance characteristics (as a minimum), that are described in table 23, E2/AS1.</li> <li>➤ With aluminium joinery that meets NZS 4211:2008 or has a current product certificate (CodeMark) with traditional timber joinery as set out in BRANZ bulletin BU481.</li> </ul>

## USEFUL INFORMATION

For information on the design, installation and maintenance of the Hume Pine Pineclad & Pinetrim XT Vertical Shiplap Weatherboard System and for our warranty refer to [www.humpine.nz](http://www.humpine.nz).

## OTHER CERTIFICATIONS AND APPROVALS HELD BY HUME PINE

- Rainforest Alliance certified FSC C021533.

## CONDITIONS OF USE

The specification and installation must be carried out or supervised by suitably qualified practitioners.

## PERFORMANCE CLAIMS

If designed, installed and maintained in accordance with all Hume Pine requirements, the Hume Pine Pineclad & Pinetrim XT Vertical Shiplap Weatherboard System will comply with or contribute to compliance with the following performance claims:

N.Z. 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, f, h, j, m, q) B1.3.4 (b, c, d, e)	ALTERNATIVE SOLUTION	› Global Mark CodeMark certification evaluation.
<b>B2 Durability</b> B2.3.1 (b)	ALTERNATIVE SOLUTION	› Global Mark CodeMark certification evaluation.
<b>E2 External Moisture</b> E2.3.2, E2.3.3, E2.3.5, E2.3.7 (a, b, c, d)	ALTERNATIVE SOLUTION	› Global Mark CodeMark certification evaluation. › Performance of other vertical shiplap weatherboard systems installed over a 45 mm drained and ventilated cavity incorporating structurally fixed horizontal castellated cavity battens. › Comparison of physical characteristics of timber species.
<b>F2 Hazardous Building Materials</b> F2.3.1	ALTERNATIVE SOLUTION	› Global Mark CodeMark certification evaluation

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

- › Global Mark CodeMark [2019] GM-CM30106-RevA. *Pineclad & Pinetrim XT – Vertical Weatherboard External Cladding System.*
- › BRANZ [July 2016]. Bulletin BU 582. *Structural fixing of cavity battens.*
- Pineclad**
- › Jowat. [April 2012]. *1-component PUR prepolymer Data Sheet.*
- › Dulux. [September 2011]. *839-Line Machine Primers Safety Data Sheet.*
- › Hume Pine (NZ) Ltd. [October 2010]. *Tanalised® Azure Limited Structural Guarantee.*
- › Vascol Azure. [December 2008]. *Treated timber Material Safety Data Sheet.*
- Pinetrim XT.**
- › Dorus. [January 2010]. *SL 3503 Material Safety Data Sheet according to 91/155/EEC – ISO 11014-1.*
- › Timber Treatment Plant Registration Authority. [June 2017]. *Certificate of Registration of Preservative Treatment & Allocated Brand.*
- › Merry Garden Holdings Ltd. *Introduction of LOSP H3 treated pine program.*
- › AkzoNobel. [May 2017]. *Safety Data Sheet WB Opaque Vacuum Gray Primer(EB).*
- › Lonza. [May 2018]. *Laboratory Report Wood Preservation Sample Analysis 2018/377.*
- › Symbio Laboratories. [June 2018]. *Certificate of Analysis B676293-A.*
- › AsureQuality. [June 2018]. *Certificate of Analysis 18-167017.*
- › Merry Garden Holdings Ltd. [May 2018]. *H3.1 LOSP Treated & Primed Timber Limited Warranty.*
- › Independent Verification Services Labs. [June 2018]. *Analysis Report LOSP R29950.*
- › Independent Verification Services. [May 2018]. *Timber Testing Compliance Report A1-A10 36018A.*
- › Independent Verification Services. [May 2018]. *Timber Testing Compliance Report B1-B10 36019A.*
- Comparison of timber species**
- › [www.wood-database.com](http://www.wood-database.com)
- › <http://jp.europeanwood.org>
- › AS 1720.1:2010, Table H2.1. *Timber structures Design Methods.*

**VERSION:**

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Note: Uncontrolled in printed format.

**NAME:**

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**POSITION:**

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**DATE:**

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Paul Muggleton

National Sales Manager

Signed on behalf of Hume Pine:

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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