



PRODUCT CERTIFICATE

Pineclad & Pineclad TMT

Vertical Weatherboard External Cladding System



CERTIFICATE: CMNZ 30106
Version No: RevC

3	DESCRIPTION OF BUILDING METHOD OR PRODUCT
The Pineclad and Pineclad TMT Vertical Weatherboard External Cladding System comprise timber weatherboards, fascia boards, moulding profiles and castellated cavity battens manufactured from radiata pine that has been thermally modified or chemically treated. Profiles may be finger jointed or solid.	
4	INTENDED USE OF BUILDING METHOD OR PRODUCT
The Pineclad and Pineclad TMT Vertical Weatherboard External Cladding System is designed to be used as part of an external cladding system.	
5	NEW ZEALAND BUILDING CODE PROVISIONS
The Pineclad and Pineclad TMT Vertical Weatherboard External Cladding System if designed, used, installed and maintained in accordance with the conditions of this Certificate will comply with or contribute to compliance with the following performance provisions of the NZ Building Code: Clause B1 STRUCTURE: Performance B1.3.1, B1.3.2 and B1.3.4, for the relevant physical conditions of B1.3.3 (a), (f), (h), (j) & (q) Clause B2 DURABILITY: Performance B2.3.1 (b) Clause E2 EXTERNAL MOISTURE: Performance E2.3.2, E2.3.5, E2.3.6 and E2.3.7 Clause F2 HAZARDOUS BUILDING MATERIALS: Performance F2.3.1	

1	CERTIFICATE HOLDER DETAILS
Hume Pine (NZ) Ltd Trading as Hume Pine 210 Te Ngae Road, Rotorua, New Zealand sales@humpine.nz +64 508 111 000, www.humpine.co.nz	

ORIGINAL ISSUE DATE	VERSION DATE	RECERTIFICATION
10/05/2019	28/04/2023	29/06/2025
8 SIGNATURE		
 Herve Michoux, Global Mark Managing Director		

2	PRODUCT CERTIFICATION BODY
Global-Mark Pty Ltd 57 Willis Street, Wellington, 6011 customer.service@global-mark.co.nz +64 9 889 0622 www.global-mark.co.nz The complaints process for this certificate can be found here: https://www.global-mark.com.au/?s=complaint	



This certificate is issued by an independent certification body accredited by JAS-ANZ, the product certification body appointed by the Chief Executive of the Ministry of Business, Innovation and Employment under the Building Act 2004. This certificate may only be reproduced in its entirety. It is advised to check that this certificate is currently valid and not withdrawn or suspended by referring to the Register of Product Certificates on the Building Performance website <http://www.building.govt.nz>. The purpose of construction site audits is to confirm the practicability of installing the product; and to confirm the appropriateness and accuracy of installation instructions. In issuing this certificate, Global-Mark has relied on the independent expert and/or laboratory advice or reports. In placing the CodeMark mark on the product/system, the certificate holder makes a declaration of compliance with the certification standard(s) and confirms that the product is identical to the product certified herein.

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6 CONDITIONS AND LIMITATIONS OF USE

1. The Pineclad & Pineclad TMT Vertical Weatherboard External Cladding System is certified as an external wall cladding for buildings within the following scope:
 - a. with timber or lightweight steel framing that complies with the NZ Building Code or for existing buildings that has the equivalent stiffness to the framing provisions of NZS3604:2011, and
 - b. in wind zones up to and including extra high as defined in NZS3604:2011, or for Specifically Engineer Designed buildings with a maximum design Ultimate Limit State (ULS) wind pressure of 2.5kPa, and
 - c. in exposure Zones B, C and D as defined in NZS3604:2011. Microclimatic Conditions (refer NZS3604:2011 paragraph 4.2.4) are outside the scope of this certificate for both timber framed and steel framed buildings, and
 - d. up to 10 m in building height, and
 - e. further than 1m from a relevant and notional boundary, unless compliance may be established (outside the scope of this certificate) through reliance on C/AS1 or C/AS2.
2. The Pineclad & Pineclad TMT Vertical Weatherboard External Cladding shall be:
 - a. Used in conjunction with a flexible building wrap or rigid air barrier depending on location wind zone and as a minimum, in accordance with:
 - i. E2/AS1 3rd edition, amendment 10 date 5 November 2020 Table 23 for timber framed buildings, or
 - ii. NASH building Envelop Solution:2019 Table 23 for steel framed buildings, and
 - b. Directly fixed or fixed over a ventilated cavity in accordance with Table 3, E2/AS1 or E2/AS4. For applications not referenced in the applicable acceptable solution, the cladding will be installed over a ventilated cavity, and
 - c. used on buildings with a risk score not greater than 20, when evaluated against:
 - i. E2/AS1 3rd edition, amendment 10 date 5 November 2020 risk matrix for timber framed building or
 - ii. NASH building Envelope Solution:2019 risk matrix as referenced by E2/AS4 for steel framed buildings, and
 - d. used with aluminium window and door joinery that meets the requirements of NZS 4211:2008 including amendment 1 or has a current Product Certificate or with traditional timber joinery as set out in BRANZ bulletin BU481, and
 - e. where Pineclad is finished with a paint coating, the LRV of the top coating paint must not be less than 45% (excludes Pineclad TMT).
3. The Pineclad & Pineclad TMT Vertical Weatherboard External Cladding System must be specified, installed and maintained in accordance with the following documentation:
 - a. Pineclad and Pineclad TMT Vertical Weatherboard Cladding Systems – Design Guide – V2.0 March 2023, and
 - b. Pineclad and Pineclad TMT Vertical Weatherboard Cladding Systems – Installation Guide – V2.0 April 2023, and
 - c. Pineclad and Pineclad TMT Board & Batten Weatherboard Cladding System – Specification Guide – V2.0 March 2023, and
 - d. Pineclad and Pineclad TMT Shiplap Weatherboard Cladding System – Specification Guide – V2.0 March 2023, and
 - e. Pineclad and Pineclad TMT Weatherboard Cladding Systems – Care & Maintenance Guide – V2.0 March 2023.
 - f. Pineclad and Pineclad TMT Board & Batten Direct Fixed Details – V2
 - g. Pineclad and Pineclad TMT Board & Batten Cavity Fixed Details – V2
 - h. Pineclad and Pineclad TMT Shiplap Direct Fixed Details – V2
 - i. Pineclad and Pineclad TMT Shiplap Cavity Fixed Details – V2
4. System specification and installation must be carried out by or supervised by a Licensed Building Practitioner who has:
 - a. The relevant license class, and
 - b. access to current Hume Pine technical documentation.

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5. Certification of compliance with E2.3.5 and E2.3.6 is limited to the cavity formed between the back of the weatherboards and the underlay.
6. A completed specification guide for the profile selected shall be included with the building consent application.

7 HEALTH AND SAFETY INFORMATION

Standard industry safety practices and manufacturer safety requirement as detailed in the technical literature including the applicable SDS must be observed at all times. Please refer to the product technical literature, safe handling instructions and relevant MSDS.

9 BASIS FOR CERTIFICATION

The certification decision is based on independent technical review(s) of test report(s), engineering opinion(s) and other documented evidence(s), factory audit(s) and site review(s)

Code Clause	Compliance pathway	Evidence
B1 STRUCTURE	Acceptable Solution	1, 2, 3, 4, 5, 6, 7, 8 & 9
B2 DURABILITY	Alternative Solution – Expert judgement	1, 2, 3, 4, 5, 10, 11, 12 & 20
E2 EXTERNAL MOISTURE	Alternative Solution – Verification method	1, 2, 3, 4, 5, 6, 7, 8, 9, 13 & 14
F2 HAZARDOUS BUILDING MATERIALS	Alternative Solution – Expert judgement	1, 2, 3, 4, 15, 16, 17, 18 & 19

10 SUPPORTING DOCUMENTATION FOR CERTIFICATION

Ref	Author	Title	Date and/or revision
1.	Hume Pine	Pineclad and Pineclad TMT Vertical Weatherboard Cladding Systems – Design Guide	V2.0 - March 2023
2.	Hume Pine	Pineclad and Pineclad TMT Vertical Weatherboard Cladding Systems – Installation Guide	V2.0 - April 2023
3.	Hume Pine	Pineclad and Pineclad TMT Board & Batten Weatherboard Cladding System – Specification Guide	V2.0 - March 2023
4.	Hume Pine	Pineclad and Pineclad TMT Shiplap Weatherboard Cladding System – Specification Guide	V2.0 - March 2023
5.	Hume Pine	Pineclad and Pineclad TMT Weatherboard Cladding Systems – Care & Maintenance Guide	V2.0 - March 2023
6.	Hume Pine	Pineclad and Pineclad TMT Board & Batten Direct Fixed Details	V2
7.	Hume Pine	Pineclad and Pineclad TMT Board & Batten Cavity Fixed Details	V2
8.	Hume Pine	Pineclad and Pineclad TMT Shiplap Direct Fixed Details	V2
9.	Hume Pine	Pineclad and Pineclad TMT Shiplap Cavity Fixed Details	V2
10.	Arch Wood Protection NZ Ltd	PineClad_Lumber One – Tanalised_Azure_Treatment_Guarantee	October 2010
11.	Independent Verification Services	Timber Testing Compliance Report – 36018A	21 May 2018
12.	Timber Preservers Association of Australia	Treat Right Programme Certification – 038 64 H3	21 June 2021
13.	FacadeLab	E2/VM1 Testing of PineClad vertical shiplap timber weatherboard cladding system	7 March 2019
14.	Good Building Consultant	Shiplap Weatherboards – Alternative Solution Evaluative Framework – E2	V1.0 - July 2022
15.	Jowat Adhesives	Technical Data Sheet - Jowat – Jowapur 681.20	November 2020

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16.	Jowat Adhesives	Material Safety Data Sheet - Jowat – Jowapur 680.03	April 2012
17.	Arxada	Material Safety Data Sheet - Vacsol Azure RTU	December 2021
18.	Dulux	Lumber One – 839-Line Dulux Solvent Primer	January 2020
19.	Dulux	Lumber One – 839-Line Dulux Solvent Primer - CURED	November 2015
20.	AR & JA Drysdale Limited	Hume Pine Thermally Modified Timber (TMT) – Durability	25 January 2023
* These documents were provided commercial in confidence and are not publicly available.			

11	SUPPORTING INFORMATION ABOUT DESCRIPTION (OPTIONAL)
<p>Pineclad and Pineclad TMT is manufactured in New Zealand from locally sourced timber.</p> <p>Pineclad and Pineclad TMT weatherboards and associated components are available as:</p> <ul style="list-style-type: none"> ○ Shiplap or Board and Batten profiles, ○ with H3.1 (LOSP) or thermally modified treatment options, ○ with the following finish options: <ul style="list-style-type: none"> ▪ factory applied alkyd pre-primer, a coating of an oil-based stain ▪ Shou sugi ban with an oil coating (for Pineclad TMT only). <p>Pineclad and Pineclad TMT weatherboards standard thickness is 18 mm for all finishes option other than Shou sugi ban. Shou sugi ban finish weatherboards are 21 mm thick.</p> <p>Pineclad and Pineclad TMT profiles are available in the following widths:</p> <ul style="list-style-type: none"> ○ Shiplap 135 & 180mm ○ Boards and Battens - various widths <p>Fascia boards and moulding profiles are also available in a range of sizes and profiles.</p>	
12	SUPPORTING INFORMATION ABOUT INTENDED USE (OPTIONAL)
Nil	
13	SUPPORTING INFORMATION ABOUT CONDITIONS AND LIMITATIONS OF USE (OPTIONAL)
Nil	

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