

Certificate no: CMNZ30138

Version: B

Original issue date: 19 January 2022

Version date: 16 October 2024

Renewal date: 16 October 2027

Product Certificate

Herpac Accoya®VertiLine Vertical Shiplap Weatherboard Cavity System

1. Certificate Holder Details



Herpac

Herpac Pacific Limited.

110 Foundry Road, Silverdale 0932

technical@herpac.co.nz

Tel: 09 426 5475

<https://www.herpac.co.nz>

2. Product Certification Body

Global-Mark Pty Ltd

Trading as Global-Mark

57 Willis Street, Wellington, 6011

Customer.service@global-mark.co.nz

+64 9 889 0622

www.global-mark.co.nz

Complaints: The complaints process for this certificate can be found here:

www.global-mark.co.nz/complaints

Global-Mark Managing Director.



Herve Michoux

3. Description of Building Method or Product

The Herpac Accoya® VertiLine Vertical Shiplap Weatherboard Cavity System consists of vertically fixed shiplap weatherboards, ventilated cavity battens, flashings and accessories

4. Intended use of Building Method or Product

The Herpac Accoya® VertiLine Vertical Shiplap Weatherboard Cavity System is an external vertically fixed wall cladding system for residential and light commercial type buildings where domestic construction techniques are used.

5. New Zealand Building Code Provisions

The Herpac Accoya® VertiLine Vertical Shiplap Weatherboard Cavity 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), (h), (j) & (q)
Clause B2 DURABILITY:	Performance B2.3.1(b) 15 years and B2.3.2(a)
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

6. Conditions and Limitations of Use

- The Herpac Accoya® VertiLine Vertical Shiplap Weatherboard Cavity System is certified for buildings:
 - not greater than 10 metre height, and
 - situated:
 - in all exposure zones (excluding microclimates) as defined in NZS3604:2011, Paragraph 4.2.4 NZS3604:2011, and
 - more than 1m from a relevant boundary, and
 - constructed with timber framing within the scope of NZBC Acceptable Solution E2/AS1, Third Edition including amendment 10 (5/11/2020) Paragraph 1.1, and with a risk score of 0-20, calculated in accordance with NZBC Acceptable Solution E2/AS1,

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- Third Edition including amendment 10 (5/11/2020) Table 2, situated in Wind Zones (as defined in NZS 3604:2011) up to and including Extra High or
- d. constructed with timber framing subject to specific engineering design up to a maximum design differential ultimate limit state (ULS) wind pressure of 2.5 kPa and within the scope limitations of NZBC Acceptable Solution E2/AS1, Third Edition including amendment 10 (5/11/2020) Paragraph 1.1 with regards to building height and floor plan area, and with a risk score of 0-20 calculated in accordance with NZBC Acceptable Solution E2/AS1, Third Edition including amendment 10 (5/11/2020) Table 2
2. In Wind Zones (as defined in NZS 3604:2011) up to and including High,
 - a. stud maximum spacing is 600mm centers.
 - b. the Vertibat cavity battens must be installed horizontally at 400 to 600 mm centres. Where Vertibat cavity battens and nogs/dwangs are at greater than 480mm a job specific sign-off by Hermpac is required.
 3. In Very High and Extra High Wind Zones (as defined in NZS 3604:2011) or for specific design where the differential wind pressures is above Extra High and up to 2.5 kPa,
 - a. stud maximum spacing is 400mm centers.
 - b. the Vertibat cavity battens must be installed horizontally at 400 to 480 mm centres.
 4. Vertibat cavity battens 18 and 20mm are to be installed over nogs/dwangs, Vertibat cavity battens 40 and 45mm can be either installed over nogs/dwangs or be structurally fixed.
 5. The Hermpac VertiLine Vertical Shiplap Weatherboard Cavity System shall be designed, used, installed and maintained in accordance with the Hermpac Accoya® VertiLine Vertical Shiplap Weatherboard Cavity System Installation Specifications, V3, July 2024 including:
 - a. the Hermpac standard construction drawings applicable (refer sections 9 & 11 of this certificate), and
 - b. the fixing & finish requirements applicable to the oil/stain or paint system used.
 6. The Hermpac Accoya® VertiLine Vertical Shiplap Weatherboard Cavity System shall only be installed vertically on vertical, flat surfaces.
 7. Only stainless steel fixings can be used with The Hermpac Accoya® VertiLine Vertical Shiplap Weatherboards.
 8. Only aluminium window and door joinery meeting the requirements of NZS 4211:2008 (including Amendment1) for the relevant Wind Zone or wind pressure and installed with vertical jambs and horizontal heads and sills shall be used with The Hermpac Accoya® VertiLine Vertical Shiplap Weatherboard Cavity System
 9. The designer shall provide a signed Declaration for submission with the building consent application that the use of this product in the proposed building work falls within the scope of this certificate and that all design conditions of this certificate have been met.
 10. The installer shall supply a signed Product Installation Checklist Hermpac Accoya®VertiLine Vertical Shiplap Weatherboard Cavity System (August 2023 V2) for consideration for issuing a Code Compliance Certificate (CCC).

7. Health and Safety Information



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Standard industry safety practices and manufacturer safety requirements 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 SDS.

8. 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
Clause B1 STRUCTURE	Alternate solution based on NZS3604:2011 and comparison with E2/AS1	1, 2, 3, 4, 5, 6, 7, 8, 9 and 11
Clause B2 DURABILITY	Alternate solution based on expert judgement	1, 2, 3, 4, 5, 6, 7, 8 and 10
Clause E2 EXTERNAL MOISTURE	Verification method E2/VM1 test	1, 2, 3, 4, 5, 6, 7, 8 and 11
Clause F2 HAZARDOUS BUILDING MATERIALS	Alternate solution based on expert judgement	1, 2, 3, 4, 5, 6, 7, 8 and 12

9. Supporting Documentation for Certification

Rev	Author	Description	Date and/or Revision
1.	Herman Pacific	Herpac Accoya® VertiLine Vertical Shiplap Weatherboard Cavity System Installation Specifications	V3, July 2024
2.	Herman Pacific	VertiLine Vertical Shiplap Weatherboard Cavity System – Accoya®Construction Drawings -	Version 1.0, 01 November 2021
3.	Herman Pacific	VertiLine Vertical Shiplap Weatherboard 40-45mm Cavity System – Accoya®Construction Drawings	Version 1.0, 01 November 2021
4.	Herman Pacific	VertiLine Vertical Shiplap Weatherboard Cavity System Random Width and Depth– Accoya®Construction Drawings	Version 1.0, 01 November 2021
5.	Herman Pacific	Product Installation Checklist – Herpac Accoya® VertiLine Vertical Shiplap Weatherboard Cavity System_Checklist	Version 2, August 2023



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6.	BRANZ	Herpac Accoya® Vertiline Vertical Shiplap Weatherboard Cavity System - Appraisal No. 1181 (2021)	18/11/2021
7.*	BRANZ	BRANZ Appraisals Means of Compliance - Basis of Appraisal - Herpac Accoya® VertiLine Vertical Shiplap Weatherboard Cavity System BRANZ Appraisal No. 1181 (2021)	TP13962
8.	BRANZ	HERMPAC Cedar Horizontal Cavity Battens – BRANZ Appraisal 1189 (2021)	19 August 2021
9.*	BRANZ	Herpac Accoya Pine -Weatherboard Fixing Capacity	29 June 2021
10.*	SCION	Accoya Durability	01 June 2021
11.*	BRANZ	Weathertightness test to E2/VM1 of Herman Pacific Vertical Shiplap Weatherboard	10 May 2013
12	Herman Pacific	Herpac Weatherboard Cladding Cavity Systems – SDS Index	V3, July 2024

* These documents were provided commercial in confidence and are not publicly available

10. Supporting Information About Description (Optional)

- The system consists of vertically fixed shiplap weatherboards, ventilated cavity battens, flashings and accessories.
- The Herpac Accoya® VertiLine Vertical Shiplap Weatherboards are manufactured from New Zealand grown radiata pine, modified by a proprietary non-toxic acetylation process and are supplied either raw, with one coat of machine applied premium penetrating exterior grade oil stain to Herpac specifications or, with a machine applied calcium carbonate-free primer coat and one machine applied undercoat of exterior grade paint to Herpac specifications.
- The system incorporates a primary and secondary means of weather resistance (first and second line of defence) against water penetration by separating the cladding from the external wall frame with a minimal 18 mm drained cavity.
- Herpac Standard Profiles (HP50 - HP60) and Herpac Custom Profiles defined in accordance with NZS3617 and BRANZ Bulletin 411 are covered by this certificate.
- The system construction details defined in:
 - VertiLine Vertical Shiplap Weatherboard Cavity System – Accoya®Construction Drawings -Version 1.0 Dated 01 November 2021; and
 - VertiLine Vertical Shiplap Weatherboard 40-45mm Cavity System – Accoya®Construction Drawings -Version 1.0 Dated 01 November 2021; and



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- VertiLine Vertical Shiplap Weatherboard Cavity System Random Width and Depth– Accoya®Construction Drawings -Version 1.0 Dated 01 November 2021;

11. Supporting Information About Intended Use (Optional)

Nil

12. Supporting Information About Conditions and Limitations of Use (Optional)

Nil

All CodeMark certificates that are current must be registered with MBIE. MBIE maintains a register of valid product certificates. [Please find the register here.](#)

If the certificate is not listed on this register or it appears as (SUSPENDED), it is not a valid CodeMark certificate and does not have to be accepted by a building consent authority as establishing compliance with the New Zealand Building Code.



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