

Certificate no: CMNZ30038

Version: K

Original issue date: 31 March 2014

Version date: 26 July 2023

Renewal date: 12 July 2028

Product Certificate

Herpac Bevelback & Rebated Bevelback Weatherboard Cavity System

1. Certificate Holder Details



Herpac

Herman Pacific Limited.

110 Foundry Road, Silverdale 0932

technical@hermpac.co.nz

Tel: 09 426 5475

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

2. Product Certification Body

Global-Mark Pty Ltd

Trading as Global-Mark

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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 Bevelback & Rebated Bevelback Weatherboard Cavity System consists of horizontally fixed bevelback & rebated bevelback weatherboards, cavity battens, flashings and accessories.

4. Intended use of Building Method or Product

The Herpac Bevelback & Rebated Bevelback Weatherboard Cavity System is an external horizontally 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 Bevelback & Rebated Bevelback 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 Bevelback & Rebated Bevelback 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, Third Edition including amendment 10 (5/11/2020) Table 2, and situated in Wind Zones (as defined in NZS 3604:2011) as follows:



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- i. up to and including Extra High; for oil or stain finished Western Red Cedar, Yellow Cedar or Kanda , or with paint finished AshinDura, and
 - ii. up to and including Medium (provided studs are at maximum 600mm centres), and if fixed with jolt head nails up to and including Very High (provided studs are at maximum 400mm centres) for paint finished Western Red Cedar, Yellow Cedar or Kanda, 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, for oil or stain finished Western Red Cedar, Yellow Cedar or Kanda.
2. The Hermpac Bevelback & Rebated Bevelback Weatherboard Cavity System shall be designed, used, installed and maintained in accordance with:
 - a. the Hermpac Bevelback & Rebated Bevelback Weatherboard Cavity System Installation Specifications, May 2023 V3 including
 - i. the Hermpac standard construction drawings applicable (refer sections 9 & 11 of this certificate), and
 - ii. the fixing & finish requirements applicable to the oil/stain or paint system used.
3. The Hermpac Bevelback & Rebated Bevelback Weatherboard Cavity System shall be only installed horizontally on vertical, flat surfaces.
4. 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 Bevelback & Rebated Bevelback Weatherboard Cavity System.
5. 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.
6. The installer shall supply a signed Product Installation Checklist Hermpac Bevelback & Rebated Bevelback Weatherboard Cavity System (January 2023 V2) for consideration for issuing a Code Compliance Certificate (CCC).

7. Health and Safety Information

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 MSDS.

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



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B1 STRUCTURE	Alternate solution based on NZS3604:2011 and comparison with E2/AS1	1, 2, 3, 4, 5 & 6
B2 DURABILITY	Alternate solution based on expert judgement	1, 4, 5, 7, 10, 11 & 12
E2 EXTERNAL MOISTURE	Verification method E2/VM1 test	1, 2, 3, 4, 5, 8 & 9
F2 HAZARDOUS BUILDING MATERIALS	Alternate solution based on expert judgement	1, 4, 5, 13 & 14

9. Supporting Documentation for Certification

Rev	Author	Description	Date and/or Revision
1.	Herman Pacific	Herpac Bevelback & Rebated Bevelback Weatherboard Cavity System Installation Specifications	Version 3, May 2023
2.	Herman Pacific	Bevelback & Rebated Bevelback Weatherboard Cavity System – Construction Drawings	Version 2, 1 January 2022
3.	Herman Pacific	Product Installation Checklist – Hermpac Bevelback and Rebated Bevelback Weatherboard Cavity System	Version 2, 1 January 2023
4.	BRANZ	Herpac Bevelback & Rebated Bevelback Weatherboard Cavity System - Appraisal No. 663 (2020)	27 May 2020
5.*	BRANZ	BRANZ Appraisals Means of Compliance - Basis of Appraisal - Hermpac Bevelback & Rebated Bevelback Weatherboard Cavity System BRANZ Appraisal No. 663 (2020)	TV10664-003
6.	BRANZ	BRANZ Structures Test Report - HERMPAC Weatherboard Connections	5 March 2021
7.	SCION	Durability and Potential End-uses of some Timber Species Imported into New Zealand October 2017	
8.	BRANZ	Weather-tightness test to E2/VM1 of Herman Pacific Bevelback Weatherboard	26 April 2013



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9.	BRANZ	BRANZ E2 Weathertightness Opinion for the Reissue of the Appraisal of the Herpac Bevelback & Rebated Bevelback Weatherboard Cavity System	12 May 2020
10.	Herman Pacific	Yellow Cedar - Technical Data Sheet	January 2021
11.	Herman Pacific	Kanda- Technical Data Sheet	January 2021
12.	CIRAD	Tropix 7 Tropical Wood Species Technical Data Sheet – KANDA	26 March 2012
13.	Herman Pacific	Herpac Weatherboard Cladding Cavity Systems – SDS Index	20-May-2020
14.	Henkel Adhesives	Safety Data Sheet – Loctite HB S039 Purbond	November 2015

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

10. Supporting Information About Description (Optional)

- The system consists of horizontally fixed Bevelback & Rebated Bevelback weatherboards, cavity battens, flashings and accessories.
- The Herpac Bevelback & Rebated Bevelback Weatherboards are manufactured from Western Red Cedar. Selected Weatherboards are also manufactured from Yellow Cedar, Kanda and AshinDura. Western Red Cedar, Yellow Cedar and Kanda weatherboards are supplied either raw, with one coat of machine applied premium penetrating exterior grade oil stain to Herpac specifications or, with a machine applied primer coat and one machine applied undercoat of exterior grade paint to Herpac specifications. AshinDura weatherboards are treated to H3.1 and are only available with a machine applied primer coat and one machine applied coat 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 (HP61 to HP64, HP150 to HP152) and Herpac Custom Profiles defined in accordance with NZS3617 and BRANZ Bulletin 411 are covered by this certificate.
- The system construction details are defined in Bevelback & Rebated Bevelback Weatherboard Cavity System – Construction Drawings - Version 2 dated 01 January 2022.

11. Supporting Information About Intended Use (Optional)

Nil

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



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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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