




# PRODUCT CERTIFICATE

## Hermpac Bevelback & Rebated Bevelback Weatherboard Cavity System



### KEY INFORMATION

CERTIFICATE: GM-CM30038 Rev1

<b>1 SUMMARY OF DESCRIPTION OF BUILDING METHOD OR PRODUCT</b> The Hermpac Bevelback & Rebated Bevelback Weatherboard Cavity System is a cavity-based external wall cladding system for residential and light commercial type buildings where domestic construction techniques are used.			
<b>2 SUMMARY OF INTENDED USE OF BUILDING METHOD OR PRODUCT</b> <ol style="list-style-type: none"> <li>The Hermpac Bevelback &amp; Rebated Bevelback Weatherboard Cavity System has been assessed as an external horizontally fixed wall cladding system for buildings within the following scope:             <ul style="list-style-type: none"> <li>the scope limitations of NZBC Acceptable Solution E2/AS1, Third Edition including amendment 9 (27/06/2019), Paragraph 1.1; and,</li> <li>constructed with timber framing complying with the NZBC and,</li> <li>with a risk score of 0-20, calculated in accordance with NZBC Acceptable Solution E2/AS1, Third Edition including amendment 9 (27/06/2019), Table 2; and,</li> <li>situated in NZS 3604:2011 Wind Zones up to, and including Extra High.</li> </ul> </li> <li>The Hermpac Bevelback &amp; Rebated Bevelback Weatherboard Cavity System has also been assessed for weathertightness and structural wind loading when used as an external horizontally fixed wall cladding system for buildings within the following scope:             <ul style="list-style-type: none"> <li>the scope limitations of NZBC Acceptable Solution E2/AS1, Third Edition including amendment 9 (27/06/2019), Paragraph 1.1 with regards to building height and floor area; and,</li> <li>constructed with timber framing subject to specific engineering design; and,</li> <li>situated in specific design wind pressures up to a maximum design differential ultimate limit state (ULS) of 2.5 kPa.</li> </ul> </li> <li>The Hermpac Bevelback &amp; Rebated Bevelback Weatherboard Cavity System must only be installed horizontally on vertical, flat, surfaces.</li> <li>The Hermpac Bevelback &amp; Rebated Bevelback Weatherboard Cavity System is assessed for use with aluminium window and door joinery that is installed with vertical jambs and horizontal heads and sills. (The assessment of the Hermpac Bevelback &amp; Rebated Bevelback Weatherboard Cavity System relies on the joinery meeting the requirements of NZS 4211:2008 including Amendment 1 for the relevant Wind Zone or wind pressure.)</li> </ol>			
<b>4 CERTIFICATE HOLDER DETAILS</b> <b>Herman Pacific Limited.</b> Herman Pacific 110 Foundry Road, Silverdale 0932, New Zealand. <a href="mailto:technical@hermpac.co.nz">technical@hermpac.co.nz</a> Tel: 09 426 5475, Fax: 09 426 7638, <a href="http://www.hermpac.co.nz">www.hermpac.co.nz</a>	<b>ISSUED</b> 31/3/2014	<b>LAST UPDATE</b> 23/8/2020	<b>EXPIRY</b> 31/3/2023
	<b>5 SIGNATURE</b> 		
	Herve Michoux, Global Mark Managing Director		
<b>6 PRODUCT CERTIFICATION BODY</b> <b>Global-Mark Pty Ltd</b> 57 Willis Street Wellington, 6011 <a href="mailto:customer.service@global-mark.co.nz">customer.service@global-mark.co.nz</a> +64 9 889 0622 <a href="http://www.global-mark.co.nz">www.global-mark.co.nz</a> The complaints process for this certificate can be found here: <a href="https://www.global-mark.com.au/?s=complaint">https://www.global-mark.com.au/?s=complaint</a>			



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CERTIFICATE V1.2

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### 3 BUILDING CODE PROVISIONS

The Hermpac Bevelback & Rebated Bevelback Weatherboard Cavity System if designed, used, installed and maintained in accordance with the scope of this Certificate, the statements and conditions of the BRANZ Appraisal No. 663 (2020) Hermpac Bevelback and Rebated Bevelback Weatherboard Cavity System and the Hermpac Bevelback and Rebated Bevelback Weatherboard Cavity System Installation Specifications, May 2020 will meet the following provisions of the NZBC:

Clause B1 STRUCTURE: Performance B1.3.1, B1.3.2 and B1.3.4 (b), (c), (d) and (e) for the relevant physical conditions of B1.3.3 (a), (h), (j) and (q). The Hermpac Bevelback & Rebated Bevelback Weatherboard Cavity System meets the requirements.

Clause B2 DURABILITY: Performance B2.3.1 (b) 15 years and B2.3.2(a). The Hermpac Bevelback & Rebated Bevelback Weatherboard Cavity System meets these requirements.

Clause E2 EXTERNAL MOISTURE: Performance E2.3.2. The Hermpac Bevelback & Rebated Bevelback Weatherboard Cavity System meets this requirement.

Clause F2 HAZARDOUS BUILDING MATERIALS: Performance F2.3.1. The Hermpac Bevelback & Rebated Bevelback Weatherboard Cavity System meets this requirement and will not present a health hazard to people.

### 7 CONDITIONS AND LIMITATIONS OF USE

1. Subject to regular inspection for soil movement, earthquake or other structural impact or user damage.
2. Maintaining the validity of BRANZ Appraisal No. 663 (2020) Hermpac Bevelback and Rebated Bevelback Weatherboard Cavity System.
3. Proprietary stain systems and proprietary paint systems have not been evaluated, and are therefore outside the scope of this certification

Design Conditions:

4. Product specification and incorporation of the Hermpac Bevelback & Rebated Bevelback Weatherboard Cavity System into the building design shall be carried out by a designer / architect / engineer or a building professional who:
  - a. Is qualified to design the buildings covered under the 'Scope' of use of this product.
  - b. Has ready access to the technical specifications including installation details and standards referenced in both the BRANZ appraisal No. 2020)and this certificate.

Product Installation Conditions:

5. Installation shall be carried out by a Licensed Building Practitioner (LBP), or tradespersons with experience in Bevelback & Rebated Bevelback Weatherboard external wall cladding installation who are supervised by a LBP.
6. Installation shall be undertaken in accordance with all relevant technical information related to the selected installation method, including information contained within the BRANZ Appraisal No. 663 (2020) Hermpac Bevelback and Rebated Bevelback Weatherboard Cavity System. and the Hermpac Bevelback and Rebated Bevelback Weatherboard Cavity System Installation Specifications, May 2020, including
  - a. the construction drawings applicable (see section 9)
  - b. The finish requirements applicable to species and the stain or paint system used.
7. As part of the application for the Code Compliance Certificate (CCC), a signed Quality Assurance Checklist Hermpac Bevelback and Rebated Bevelback Weatherboard Cavity System (dated May 2020) must be supplied by the LBP who installed or supervised installation.

### 8 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 time.



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<b>9 SUPPORTING INFORMATION ABOUT DESCRIPTION</b>			
<p>1. The system consists of horizontally fixed Bevelback and Rebated Bevelback weatherboards, cavity battens, flashings and accessories.</p> <p>2. The weatherboards are manufactured from Western Red Cedar. Selected Weatherboards are also manufactured from Duralarch and AshinDura. Cedar and Duralarch weatherboards are supplied either raw, with one coat of machine applied premium penetrating exterior grade oil stain to Hermpac specifications or, with a machine applied primer coat and one machine applied undercoat of exterior grade paint to Hermpac specifications. AshinDura weatherboards are treated to H3.1 and are only available with a machine applied primer coat and one machine applied undercoat of exterior grade paint to Hermpac specifications.</p> <p>3. The system incorporates a primary and secondary means of weather resistance (first and second line of defense) against water penetration by separating the cladding from the external wall frame with a minimal 18 mm drained cavity.</p> <p>4. Hermpac Standard Profiles (HP61 to HP64, HP150 to HP152) and Hermpac Custom Profiles defined in accordance with NZS3617 and BRANZ Bulletin 411 are covered by this certificate.</p> <p>5. The system construction details defined in Bevelback and Rebated Bevelback Weatherboard Cavity System – Construction Drawings -Version 1.2 dated 20 May 2020.</p>			
<b>10 SUPPORTING INFORMATION ABOUT INTENDED USE</b>			
Nil			
<b>11 SUPPORTING INFORMATION ABOUT CONDITIONS AND LIMITATIONS OF USE</b>			
Nil			
<b>12 BASIS FOR CERTIFICATION</b>			
The certification decision is based independent technical review(s) of engineering opinion(s) and other documented evidence(s), factory audit(s) and site review(s)			
<b>13 SUPPORTING DOCUMENTATION FOR CERTIFICATION</b>			
Ref	Author	Title	Date and/or revision
1	BRANZ	Hermpac Bevelback and Rebated Bevelback Weatherboard Cavity System - BRANZ Appraisal No. 663 (2020)	27/05/2020
2 *	BRANZ	BRANZ Appraisals Means of Compliance - Basis of Appraisal - Hermpac Bevelback and Rebated Bevelback Weatherboard Cavity System - BRANZ Appraisal No. 663 (2020)	TV10664-003
3	Herman Pacific	Hermpac Weatherboard Cladding Cavity Systems – SDS Index	20-May-2020
* This document was provided commercial in confidence and is not publicly available.			
<b>14 CONDITIONS RELATING TO NOTIFICATION</b>			
<p>(a) the certificate holder notifies the product certification body in writing of any intended change to any of the following particulars:</p> <p>(i) the name, address, or contact details of the certificate holder:</p> <p>(ii) any address of a location where a certified product is produced or manufactured:</p> <p>(b) the certificate holder notifies the product certification body in writing of any intended change, modification, or alteration to any of the following:</p> <p>(i) the certified building method or product:</p>			



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# PRODUCT CERTIFICATE

## Hermpac Bevelback & Rebated Bevelback Weatherboard Cavity System

- (ii) the method of its production or manufacture;
  - (iii) the product quality plan prepared in respect of the certified building method or product;
  - (iv) the application or installation instructions for the certified building method or product;
  - (v) any documentation relating to the use and maintenance of the certified building method or product;
- (c) if the certificate holder has any reason to suspect that the certified building method or product does not comply with the Building Code, the certificate holder notifies the product certification body in writing of the reason for that suspicion;
- (d) if the certificate holder or the product certification body finds that a certified building method or product that has been released on the market does not comply with the Building Code, the certificate holder discloses that fact in disclosure statements published in a form that is acceptable to the product certification body and to the chief executive;
- (e) if the certificate is suspended or revoked, the certificate holder—
- (i) notifies all customers to whom the building method or product is regularly supplied; and
  - (ii) immediately ceases using the certificate, the mark of conformity, and any reference to the number of the certificate.

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