

CERTIFICATE OF CONFORMITY

This product Certificate is issued under Section 269 of the Building Act 2004 for:

Hermpac Bevelback Weatherboard Cavity System



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Product Description

1. The Hermpac 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.
2. The system consists of horizontally fixed bevelback and rebated bevelback weatherboards cavity battens, flashings and accessories.
3. The weatherboards are manufactured from Western Red Cedar. Selected Weatherboards are also manufactured from Dura-Larch (Siberian Larch heartwood) and Ashin-Dura (Western Hemlock). Cedar weatherboards are finished with two coats of premium penetrating oil stain to Herman Pacific Limited specifications while Dura-Larch and Ashin-Dura weatherboards are treated to H3.1 and require a primer coat and two coats of exterior grade acrylic latex paint to Herman Pacific Limited specifications.
4. 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.
5. Only HP61 to HP64, HP150 to HP152 and CP325, CP486, CP594, CP667, CP714, CP749, CP902, CP903, CP927, CP937, CP974, CP1009, CP1041, CP1171, CP1268, CP1459, CP1556, CP1705, CP1780, CP1837, CP1840, CP1894, CP1921, CP1993, CP2014, CP2151, CP2263, CP2402, CP2460, CP2492, CP2534, CP 2540, CP2545, CP2552, CP2563, CP2571 and CP2699. Herman Pacific Bevelback weatherboard profiles are covered by this certificate.

Product purpose and use

1. The Hermpac Bevelback Weatherboard Cavity System has been assessed as an external horizontally fixed wall cladding system for buildings within the following scope:
 - the scope limitations of NZBC Acceptable System E2/AS1, Third Edition including amendment 7 (01/01/2017), Paragraph 1.1; and,
 - constructed with timber framing complying with the NZBC and,
 - with a risk score of 0-20, calculated in accordance with NZBC Acceptable Solution E2/AS1, Third Edition including amendment 7 (01/01/2017), Table 2; and,
 - situated in NZS 3604:2011 Wind Zones up to, and including Extra High.
2. The Hermpac 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:
 - the scope limitations of NZBC Acceptable Solution E2/AS1, Third Edition including amendment 7 (01/01/2017), Paragraph 1.1 with regards to building height and floor area; and,
 - constructed with timber framing subject to specific engineering design; and,
 - situated in specific design wind pressures up to a maximum design differential ultimate limit state (ULS) of 2.5 kPa.
3. The Hermpac Bevelback Weatherboard Cavity System must only be installed horizontally on vertical, flat, surfaces.

The Hermpac 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 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.)

Certificate holder

CodeMark Certification Body		31/3/2017	9/11/2017	31/3/2020	GM-CM30038-RevF
Global-Mark Pty Ltd, Suite 4.07, 32 Delhi Road, North Ryde NSW 2113, Australia Tel: +61 (0)2 9886 0222 www.Global-Mark.com.au	Herve Michoux Managing Director	Date of issue	Last update	Date of next re-certification	Certificate Number

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 advise or reports. This certificate is issued by Global-Mark Pty Limited, an independent certification body accredited by the product certification accreditation body (JAS-ANZ) appointed by the Chief Executive of the Ministry of Business Innovation and Employment under the Building Act 2004. The Ministry of Business Innovation and Employment does not in any way warrant, guarantee, or represent that the building method or product the subject of this certificate conforms with the New Zealand Building Code, nor accept any liability arising out of the use of the building method or product. The Ministry of Business Innovation and Employment disclaims, to the extent permitted by law, all liability (including negligence) for claims of losses, expenses, damages, and costs arising as a result of the use of the building method(s) or product(s) referred to in this certificate. This Certificate may only be reproduced in its entirety.

It is advised to check that this Certificate of Conformity is currently valid and not withdrawn, suspended or superseded by a later issue by referring to the Ministry of Business Innovation and Employment website, <http://www.mbie.govt.nz/>

New Zealand Building Code (NZBC) references the Building Code in force at the time of issuing the product certificate.

Certificate holder will notify Global-Mark Pty Ltd in accordance with Regulation 15 of the Building (Product Certification) Regulations 2008

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Herman Pacific Limited.

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Compliance with the New Zealand Building Code (NZBC):

The Herpac 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 (2014) Amended 13 October 2017 and the Herpac Bevelback and Rebated Bevelback Weatherboard Cavity System Installation Specifications, June 2017 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 Herpac Bevelback Weatherboard Cavity System meets the requirements.

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

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

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

Subject to the following conditions and limitations:

- ▣ Subject to regular inspection for soil movement, earthquake or other structural impact or user damage.
- ▣ Maintaining the validity of BRANZ Appraisal No. 663 (2014) Amended 13 October 2017 Herpac Bevelback and Rebated Bevelback Weatherboard Cavity System.

Design Conditions:

- ▣ Product specification and incorporation of the Herpac Bevelback Weatherboard Cavity System into the building design shall be carried out by a designer / architect / engineer or a building professional who:
- ▣ Is qualified to design the buildings covered under the 'Scope' of use of this product.
- ▣ Has ready access to the technical specifications including installation details and standards referenced in both the BRANZ appraisal No. 663 (2014) Amended 13 October 2017 and this certificate.

Product Installation Conditions:

- ▣ Installation shall be carried out by a Licensed Building Practitioner (LBP), or tradespersons with experience in Bevelback weatherboard external wall cladding installation who are supervised by a LBP.
- ▣ 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 (2014) Amended 13 October 2017 and the Herpac Bevelback and Rebated Bevelback Weatherboard Cavity System Installation Specifications, June 2017, including installation details:

HC BEVEL 000 Drawing Index 04/06/2015

HC BEVEL 100 Bevel Back Weatherboard System Profiles 04/06/2015

HC BEVEL 101 Bevel Back Weatherboard System Profiles 04/06/2015

HC BEVEL 200 Window Head Detail, Aluminium Joinery 04/06/2015

HC BEVEL 201 Window Sill Detail, Aluminium Joinery 04/06/2015

HC BEVEL 202 Window Jamb Detail, Aluminium Joinery 04/06/2015

HC BEVEL 210 Door Head Detail Aluminium Joinery 04/06/2015

HC BEVEL 211 Door Sill Detail, Aluminium Joinery 04/06/2015

HC BEVEL 212 Door Jamb Detail, Aluminium Joinery 04/06/2015

HC BEVEL 300 Internal Corner HP110 04/06/2015

HC BEVEL 301 Internal Corner Scribed 04/06/2015

HC BEVEL 302 Internal Corner Boxed 04/06/2015

HC BEVEL 303 Enclosed Deck Balustrade to Wall Junction 04/06/2015

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HC BEVEL 400 External Corner Boxed 04/06/2015
HC BEVEL 401 External Corner Soaker 04/06/2015
HC BEVEL 410 General Detail Cavity Fix, Stain Finish 04/06/2015
HC BEVEL 411 General Detail Cavity Fix, Paint Finish 04/06/2015
HC BEVEL 412 Drained Inter-Storey Joint 04/06/2015
HC BEVEL 413 Scarf Join Stain Finish 04/06/2015
HC BEVEL 500 Base of Wall, Concrete 04/06/2015
HC BEVEL 501 Base of Wall, Timber 04/06/2015
HC BEVEL 502 Cavity at Enclosed Deck 04/06/2015
HC BEVEL 600 Roof/Wall Junction 04/06/2015
HC BEVEL 601 Soffit Detail, Overhang 04/06/2015
HC BEVEL 602 Eaves Detail, No Overhang 04/06/2015
HC BEVEL 700 Parapet Detail 04/06/2015
HC BEVEL 800 Meter Box Detail 04/06/2015
HC BEVEL 801 Pipe Penetration Detail 04/06/2015
HC BEVEL 802 Pipe Penetration Plan Detail 04/06/2015

- Upon completion of the installation, the LBP shall complete and sign a Restricted Building Work (RBW) memorandum and the Quality Assurance Checklist Hermpac Bevelback and Rebated Bevelback Weatherboard Cavity System (dated June 2017). The RBW document is to be provided to the Building Consent Authority (BCA) and to the head contractor.

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