

Herpac Board and Batten Weatherboard Cladding System

Product Technical Statement: 106508



Solid boards and battens - Western Red and Yellow Cedar, Kanda, DuraLarch and AshinDura.

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Level of assurance needed to demonstrate NZ Building Code Compliance

Supporting documentation should include self-assessment and technical information by manufacturer



Herpac confirms that this minimum level of assurance has been met or exceeded by the following:
BRANZ Appraisal
[828 \(2020\)](#)



The following information has been provided by Herpac demonstrating how this product complies with the [Building Product Information Requirements](#).

Technical Statement

Product Class

CLASS 2

Product Description

True Board and Batten style cladding. Go with traditional or a more modern take using a variety of board and batten widths and depths.

Use suitable timbers from the Herpac range to achieve your design intent. Stain, oil or paint options available.

A resurgence in recent years has seen this very robust cladding option re-appear with a modern take.

Scope of use

The Herpac Board and Batten Weatherboard Cavity System has been appraised as an external, vertically fixed wall cladding system within the following scope:

- the scope limitations of NZBC Acceptable System E2/AS1, 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, Table 2; and
- situated in NZS3604 Wind Zones up to, and including Extra High.

For weathertightness and structural wind loading for buildings within the following scope:

- the scope limitations of NZBC Acceptable Solution E2/ AS1, Paragraph 1.1 with regards to building height and floor plan area; and,
- constructed with timber framing complying with the NZBC; and,
- situated in specific design wind pressures up to a maximum design differential ultimate limit state (ULS) of 2.5 kPa.

Refer [BRANZ Appraisal No. 828 \(2020\)](#)

Or refer Herpac website for direct fix options (risk score 0-12).

New Zealand Building Code (NZBC)

The product will, if employed in accordance with the supplier's installation and maintenance requirements, assist with meeting the following provisions of the building code:

- Clause B1 Structure:** Performance B1.3.1, B1.3.2, B1.3.3, B1.3.3(a), B1.3.3(h), B1.3.3(j), B1.3.3(q), B1.3.4
Herpac Board & Batten Cladding System meets Clause B1 Structure: B1.3.1, B1.3.2, B1.3.4 and B1.3.3 (a) (h) (j) and (q)
- Clause B2 Durability:** Performance B2.3.1(b), B2.3.2
Herpac Board & Batten Cladding System meets Clause B2 Durability: B2.3.1 (b) 15 years and B2.3.2.
- Clause E2 External moisture:** Performance E2.3.2
Herpac Board & Batten Cladding System meets Clause E2 External Moisture: E2.3.2
- Clause F2 Hazardous building materials:** Performance F2.3.1
Herpac Board & Batten Cladding System meets Clause F2 Hazardous Building Materials: F2.3.1



masterspec partner

Company Contact Details



Herpac

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Notes

The Herpac Board and Batten Weatherboard Cavity System is an Alternative Solution in terms of NZBC compliance.

Evidence

The product meets the requirements set out in the following documents, or relevant parts of cited standards within the documents:

The Herpac Board and Batten Weatherboard Cavity System was tested in accordance with, and meets the requirements of E2/VM1.

This cladding system can be direct fixed with a risk score of 0-12, or fixed over a cavity (18/20 or 40/45mm) with a risk score of 0-20.

Refer Herpac Product Technical Statement.

Supporting Evidence

The product has and can make available the following additional evidence to support the above statements:



BRANZ Appraisal
[828 \(2020\)](#)

Use in Service History

Board and Batten has been used in New Zealand for a very long time. True Board and Batten is a very robust and proven cladding.

Herpac Board and Batten can be installed over an 18/20mm cavity or 40/45mm cavity. The 40-45mm cavity offers a structurally fixed option.

For 18mm Western Red Cedar cavity batten options refer BRANZ Appraisal 1189 (2021).

Product Criteria

Design requirements

The Herpac Board and Batten Cavity System is designed to be used as an external cladding, fixed vertically on flat surfaces. The profiles are manufactured in accordance with NZS 3617 and BRANZ Bulletin 411.

There is a range of standard and custom profile designs with a focus on innovation and product development. Refer to www.herpac.co.nz for latest profiles.

Refer Product Technical Statement for Scope of Use.

Installation requirements

The system must be installed in accordance with the Herpac Board and Batten Cavity System Installation Specification, BRANZ Appraisal 828 (2020), Herpac Board and Batten construction drawing details (ref: HC-BBAT) and Product Installation Checklist.

For direct fix refer Herpac Installation Specification Direct Fix and Herpac Construction Drawings Direct Fix.

Please refer <https://www.herpac.co.nz/architect-downloads> for technical literature or email technical@herpac.co.nz

Maintenance requirements

Maintenance of the Herpac Board and Batten Cavity System is the building owner's responsibility.

Annual inspections must be made to ensure that all aspects of the cladding system, including flashings, remain in a weatherproof condition. Any damaged areas or areas showing signs of deterioration which would allow water ingress, must be repaired immediately. Sealant, coatings, flashings or the weatherboards must be repaired in accordance with the relevant manufacturer's instructions.

Maintenance requirements will depend on the coating type that is applied. Please refer to the coating manufacturer's specification. Specific maintenance schedules for re-coating oil stains are issued on a project specific basis.

Regular cleaning (at least annually) of the surface finish with water and a mild detergent is recommended to remove grime, dirt and organic growth, to maximise the life and appearance of the cladding.

Warrantees

Refer Herpac Board & Batten Product Technical Statement.

Company Product Information

Environmental

Herpac timbers are available via a number of independent third party sustainability certification schemes including FSC, PEFC, SDI, and CSA.

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Herpac timbers meet the requirements of clause F2 Hazardous building materials F2.3.1 and does not present a health hazard to people.

Herpac holds the Declare label for Western Red Cedar, Yellow Cedar and Kanda.

Relationships



New Zealand Made

FSC SGS-COC-008082

PEFC SGS-PEFC/COC-1212

Building Product Information Requirements

Manufacturer

Legal Trading Name:

Herpac

Business Email:

technical@herpac.co.nz

Company Website:

www.herpac.co.nz

Contact Number/s:

+64 09 -4219840

Product Identifier

CLASS 2

Warnings

This product has no warnings associated with it.



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