

Herpac Horizontal Rusticated, Splaycut & Multi-Splay Weatherboard Cladding System

Product Technical Statement: 102426



Solid horizontal weatherboards - Western Red Cedar, Yellow Cedar, DuraLarch, 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:

CodeMark

[30037](#)

BRANZ Appraisal

[658\(2020\)](#)



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

Herpac Rusticated, Splaycut & Multi-Splay weatherboards are a popular design solution due to their versatility and ability to showcase the natural beauty of timber.

Once the mainstay in historical buildings, variations to the rusticated theme continue to evolve.

Various innovative profiles have been developed, with differing negative detailing, and all looking perfectly matched for their required surrounds, be they modern, traditional, urban or rural. Some rusticated profiles can also be oriented to a vertical application, creating something a little different.

Unlike Bevelback, Splaycut profiles fit snug and firm against a wall frame offering a lighter shadow line and projection from the plane. Splaycut cladding can be an affordable yet highly versatile solution.

Scope of use

The Herpac Rusticated, Splaycut and Multi-Splay Weatherboard Cavity System has been appraised as an external horizontally 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 NZS 3604 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 658 \(2020\)](#), and [Codemark Certificate GM-CM30037](#) for full details.

Or refer Herpac website for direct fix option (risk score 0-6).

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(a), B1.3.3(h), B1.3.3(j), B1.3.3(q), B1.3.4 Herpac Rusticated, Splaycut & Multi-Splay Weatherboard cavity 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 Rusticated, Splaycut & Multi-Splay Weatherboard cavity system meets Clause B2 Durability: B2.3.1 (b) 15 years and B2.3.2.
- Clause E2 External moisture:** Performance E2.3.2



masterspec partner

Company Contact Details



Herpac

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Herpac Rusticated, Splaycut & Multi-Splay Weatherboard cavity system meets Clause E2 External Moisture: E2.3.2.

- **Clause F2 Hazardous building materials:** Performance F2.3.1

Herpac Rusticated, Splaycut & Multi-Splay Weatherboard cavity system meets Clause F2 Hazardous Building Materials: F2.3.1.

Notes

Refer Product Technical Statement for full details.

Evidence

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

The Herpac Rusticated, Splaycut & Multi-Splay Weatherboard Cavity System was tested in accordance with, and meets the requirements of E2/VM1.

It can be direct fixed for buildings with risk score of 0-6 or over cavity (18/20mm and 40/45mm) with risk score of 0-20.

Refer Herpac literature for full Scope of Use.

Supporting Evidence

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



CodeMark

[30037](#)



BRANZ Appraisal

[658\(2020\)](#)

Use in Service History

Rusticated and splaycut weatherboards have been used as a cladding in New Zealand for over a century.

Product Criteria

Design requirements

The Herpac Rusticated and Splaycut Weatherboard Cavity System is designed to be used as an external cladding, fixed horizontally on flat surfaces.

The profiles are manufactured in accordance with NZ3617 and BRANZ Bulletin 411.

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

Installation requirements

The system must be installed in accordance with the Herpac Rusticated, Splaycut & Multi-Splay Weatherboard Cavity System Installation Specification, BRANZ Appraisal 658 (2020), Codemark Certificate GM-CM30037, and the Herpac Rusticated and Splaycut construction drawing details (ref: HC-RUST/HC-SPLAY).

For direct fix refer Herpac Rusticated, Splaycut & Multi-Splay Installation Specification and Construction Drawings for Direct Fix installation.

Please refer to www.herpac.co.nz for this technical information or email technical@herpac.co.nz

Maintenance requirements

Maintenance of the Herpac Rusticated, and Splaycut Weatherboard 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

Project/site warranty documentation provided on request.

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Company Product Information

Environmental

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

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

Herpac holds 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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