# Hermpac VertiLine Vertical Shiplap Weatherboard Cavity System

View on Information Provider website Download this resource (PDF, 396KB) {{ linkText }}

Abbreviation
Appraisal number 650
Valid from
27/05/2020

---

Information provider
BRANZ Limited
Information type
BRANZ Appraisal
Format
PDF

---

#### Description

The Hermpac VertiLine Vertical Shiplap Weatherboard Cavity System is a cavity-based shiplap timber weatherboard external wall cladding system for residential and light commercial type buildings where domestic construction techniques are used.

The system consists of vertically fixed Hermpac shiplap weatherboards, ventilated cavity battens, flashings and accessories and is finished with a premium penetrating oil, stain or an exterior paint system to Hermpac 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 minimum 18 mm drained cavity.

#### Scope

The Hermpac VertiLine Vertical Shiplap Weatherboard Cavity System incorporating oil or stain finished Cedar and DuraLarch weatherboards and paint finished DuraLarch and AshinDura weatherboards has been appraised as an external wall cladding system for buildings 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.

The Hermpac VertiLine Vertical Shiplap Weatherboard Cavity System incorporating oil or stain finished weatherboards has also been appraised for weathertightness and structural wind loading when used as an external wall cladding system 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 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.

The Hermpac VertiLine Vertical Shiplap Weatherboard Cavity System incorporating paint finished cedar weatherboards has been appraised as an external wall cladding system for buildings 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 Medium when dwangs or structural Vertibat cavity battens are at maximum 480 mm centres, and NZS 3604 Wind Zones up to, and including Very High when dwangs or structural Vertibat cavity battens are at maximum 400 mm centres.

The Hermpac VertiLine Vertical Shiplap Weatherboard Cavity System must only be installed vertically on vertical, flat surfaces.

The Hermpac VertiLine Vertical Shiplap Weatherboard Cavity System is appraised for use with aluminium window and door joinery that is installed with vertical jambs and horizontal heads and sills. *(The Appraisal of the Hermpac VertiLine Vertical Shiplap Weatherboard Cavity System relies on the joinery meeting the requirements of NZS 4211 for the relevant Wind Zone or wind pressure.)*

**For assistance with locating previous versions, please contact the information provider.**

**Notes/comments**

This Appraisal replaces BRANZ Appraisal No. 650 (2014).

View on Information Provider website Download this resource (PDF, 396KB) {{ linkText }}

**For assistance with locating previous versions, please contact the information provider.**

This Appraisal replaces BRANZ Appraisal No. 650 (2014).

**This resource is not cited by any other resources.**

# Hermpac VertiLine Vertical Shiplap Weatherboard Cavity System

**This document is not CITED BY any other resources:**

Back

# Hermpac VertiLine Vertical Shiplap Weatherboard Cavity System

Show what documents this resource is CITED BY | Show what documents this resource CITES

**Description**

The Hermpac VertiLine Vertical Shiplap Weatherboard Cavity System is a cavity-based shiplap timber weatherboard external wall cladding system for residential and light commercial type buildings where domestic construction techniques are used.

The system consists of vertically fixed Hermpac shiplap weatherboards, ventilated cavity battens, flashings and accessories and is finished with a premium penetrating oil, stain or an exterior paint system to Hermpac 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 minimum 18 mm drained cavity.

View on Information Provider website Download this resource (PDF, 396KB)

**Hermpac VertiLine Vertical Shiplap Weatherboard Cavity System**

**Description**

The Hermpac VertiLine Vertical Shiplap Weatherboard Cavity System is a cavity-based shiplap timber weatherboard external wall cladding system for residential and light commercial type buildings where domestic

construction techniques are used.

The system consists of vertically fixed Hermpac shiplap weatherboards, ventilated cavity battens, flashings and accessories and is finished with a premium penetrating oil, stain or an exterior paint system to Hermpac 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 minimum 18 mm drained cavity.

View on Information Provider website Download this resource (PDF, 396KB)

**This resource does not cite any other resources.**

# Hermpac VertiLine Vertical Shiplap Weatherboard Cavity System

**This resource does not CITE any other resources.**