



BRANZ Appraised

Appraisal No. 814 [2026]

MITTEN CAMBRIDGE AND CEDARLINE VINYL CLADDINGS

Appraisal No. 814 [2026]

This Appraisal replaces BRANZ
Appraisal No. 814 [2019]



BRANZ Appraisals

Technical Assessments
of products for building
and construction.



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Product

- 1.1 Mitten Cambridge and Cedarline Vinyl Claddings are cavity-based external wall claddings for residential and light commercial type buildings where domestic construction techniques are used.
- 1.2 The cladding systems consist of colour finished vinyl (PVC) weatherboards with an extruded polystyrene backing, vinyl finishing profiles, flashings and accessories. The weatherboards are installed horizontally with concealed fixings over timber structural battens.

Scope

- 2.1 Mitten Cambridge and Cedarline Vinyl Claddings have been appraised for use as an external wall cladding for timber-framed buildings within the following scope:
 - the scope limitations of NZBC Acceptable Solution E2/AS1 for timber-framed buildings; and,
 - with a risk score of 0–20, calculated in accordance with E2/AS1; and,
 - situated in Wind Zones up to, and including, Extra High determined in accordance with NZS 3604.
- 2.2 Mitten Cambridge and Cedarline Vinyl Claddings have 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 for timber-framed buildings; and,
 - constructed with 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 determined in accordance with AS/NZS 1170.2.
- 2.3 Mitten Cambridge and Cedarline Vinyl Claddings Cladding System must only be installed horizontally over vertical cavity battens. In all instances, it must be installed on vertical, flat surfaces.
- 2.4 Mitten Cambridge and Cedarline Vinyl Claddings Cladding System must only be used with window and doors that comply with NZBC Acceptable Solution E2/AS1 or that are covered by a valid BRANZ Appraisal or NZ CodeMark certification.
- 2.5 Mitten Cambridge and Cedarline Vinyl Claddings must be installed by trained installers, licensed by Vinyl Cladding New Zealand Limited.

Building Regulations

New Zealand Building Code (NZBC)

3.1 In the opinion of BRANZ, Mitten Cambridge and Cedarline Vinyl Claddings, if designed, used, installed and maintained in accordance with the statements and conditions of this Appraisal, will meet the following provisions of the NZBC:

Clause B1 STRUCTURE: Performance B1.3.1, B1.3.2 and B1.3.4. Mitten Cambridge and Cedarline Vinyl Claddings meet the requirement for loads arising from self-weight, wind, impact and creep [i.e. B1.3.3 (a), (h), (j) and (q)]. See Paragraphs 9.1-9.3.

Clause B2 DURABILITY: Performance B2.3.1 (b) 15 years and B2.3.2. Mitten Cambridge and Cedarline Vinyl Claddings meet these requirements. See Paragraphs 10.1-10.5.

Clause E2 EXTERNAL MOISTURE: Performance E2.3.2. Mitten Cambridge and Cedarline Vinyl Claddings meet this requirement. See Paragraphs 15.1-15.5.

Clause F2 HAZARDOUS BUILDING MATERIALS: Performance F2.3.1. Mitten Cambridge and Cedarline Vinyl Claddings meet this requirement.

Technical Specification

4.1 Components and accessories supplied by Vinyl Cladding New Zealand Limited are as follows:

Mitten Vinyl Cladding Weatherboards

- Mitten Cambridge and Cedarline Weatherboards are manufactured from extruded PVC and are formed into a profile that allows the boards to lock with each other. On the back face of the weatherboards is an expanded polystyrene (EPS) foam backing that adds rigidity and impact resistance once installed. The weatherboards including the EPS backing are 21 mm thick and supplied in 5.8 m lengths.
- Cambridge weatherboards are produced to replicate a pair of conventional rusticated weatherboards and are 265 mm wide, giving an effective vertical coverage of 230 mm per weatherboard course.
- Cedarline weatherboards are produced to replicate a pair of conventional bevel-back weatherboards and are 290 mm wide, giving an effective coverage of 255 mm per weatherboard course.
- The weatherboards are factory supplied in white (Frost) and a variety of nine other pastel colours as a finished product that does not require any subsequent coating or painting. The ten colours that are covered by the scope of this Appraisal are:

Frost	Bone	Ivory	Lite Maple	Sandlewood
Ash	Brownstone*	Satin Grey	Mist Green	Golden Sand

* Note: Cedarline is not available in Brownstone colour.

Accessories

- Starter strip** - a PVC extruded profile used to secure the bottom of the first course of weatherboards.
- J-Trim** - an extruded PVC channel profile used as a general purpose trim and flashing around penetrations.
- Corner posts** - extruded PVC profiles for use on external corners.
- Mitten weatherboard fixings** - 34 mm long x 4.15 mm diameter screws with coarse thread at 1.7 mm pitch and 10 mm button-head AS 3566 galvanised Class 4 for NZS 3604 Exposure Zones B and C and Grade 304 Stainless Steel for NZS 3604 Exposure Zone D.
- Cyclone washers** - 50 x 12 x 2 mm with a 4.5 mm diameter central hole, hot-dip galvanised or stainless steel.



- 4.2 Accessories used with Mitten Cambridge and Cedarline Vinyl Claddings which are supplied by the building contractor are:
- **Structural cavity battens** – 45 mm wide by maximum 20 mm thick MSG 8 Radiata pine treated to Hazard Class H3.1.
 - **Structural cavity batten fixings** – 60 x 2.8 mm flat head hot-dip galvanised or 60 x 3.15 mm flat head annular grooved stainless steel hand-driven nails, or 65 x 2.87 mm round head or D-head, hot-dip galvanised or stainless steel ring-shanked power-driven nails. *[Note: Hot-dip galvanising must comply with AS/NZS 4680 and stainless steel fixings must be Grade 316.]*
- 4.3 Accessories used with Mitten Cambridge and Cedarline Vinyl Claddings to a generic specification in accordance NZBC Acceptable Solution E2/AS1 or covered by a relevant and valid BRANZ Appraisal or NZ CodeMark Certification, which are supplied by the building contractor, are:
- Flexible wall underlay
 - Flexible wall underlay restraint
 - Rigid wall underlay
 - Flexible flashing tape
 - Vertical cavity battens
 - Cavity base closer/vermin strip
 - Flexible air seals
 - Sill support bars
 - Window head flashing
 - Flashings
 - Sealant

Handling and Storage

- 5.1 Handling and storage of all materials, whether on-site or off-site, is under the control of the licensed installer.
- 5.2 Mitten Cambridge and Cedarline weatherboards and PVC accessories must be stacked flat, clear of the ground and supported on timber bearers along their entire length. They must be kept dry at all times either by storing within an enclosed building or when stored externally, an additional secondary cover to the plastic wrapping is required. If left in direct sunlight, wrapping should be cut open at the ends to allow for air movement. Do not store the cladding material in a location where the temperature may exceed 54°C, e.g. stacked on hot tarmac or wrapped in plastic in the sun.
- 5.3 Care must be taken to avoid damage to edges and ends and the material must be stored away from areas where construction activity may cause damage.
- 5.4 All accessories must be used within the maximum storage period recommended by the manufacturer.

Technical Literature

- 6.1 This Appraisal must be read in conjunction with:
- Vinyl Cladding New Zealand Installation Specification, V:05/01/2026.
- 6.2 All aspects of design, use, installation and maintenance contained in the Technical Literature and within the scope of this Appraisal must be followed.

Design Information

Framing

Timber Treatment

- 7.1 Timber framing must be treated as required by NZBC Acceptable Solution B2/AS1.

Timber Framing

- 7.2 Timber framing must comply with NZS 3604 for buildings or parts of buildings within the scope limitations of NZS 3604. Buildings or parts of buildings outside the scope of NZS 3604 must be to a specific design in accordance with NZS 3603 and AS/NZS 1170. Where specific design is required, the framing must be of at least equivalent stiffness to the framing provisions of NZS 3604. Studs must be at maximum 600 mm centres for buildings situated in NZS 3604 Wind Zones up to, and including, Very High. Studs must be at maximum 400 mm centres for buildings situated in NZS 3604 Wind Zone Extra High and specific design wind pressures up to and including design differential 2.5 kPa ULS. Dwargs must be fitted flush between the studs at maximum 800 mm centres. Refer to Paragraphs 18.1-18.13 for information relating to the installation of the Mitten Cambridge and Cedarline Vinyl Claddings.
- 7.3 Additional framing may be required at soffits, internal and external corners and window and door openings for the support and fixing of structural cavity battens and the Mitten Cambridge and Cedarline Vinyl Claddings.
- 7.4 Timber wall framing behind where weatherboards are joined over a cavity batten must be nominal 50 mm thickness [i.e. 45 mm minimum finished thickness].
- 7.5 Structural cavity battens must have a maximum moisture content of 20% at the time of the cladding application.

General

- 8.1 When the Mitten Cambridge and Cedarline Vinyl Claddings are used for specifically designed buildings up to design differential 2.5 kPa ULS wind pressure, only the weathertightness aspects of the cladding and maximum framing centres are within the scope of this Appraisal. All other aspects of the building need to be specifically designed and are outside the scope of this Appraisal.
- 8.2 Ground clearance, including horizontal separation where relevant, must be in accordance with NZS 3604.
- 8.3 The bottom of cladding must have separations, clearances and overlaps in accordance with NZBC Acceptable Solution E2/AS1.
- 8.4 All external walls shall have barriers to airflow in accordance with NZBC Acceptable Solution E2/AS1 and for specifically designed buildings up to a 2.5 kPa design differential ULS wind pressure, a rigid underlay is required.
- 8.5 Penetrations through Mitten Cambridge and Cedarline Vinyl Claddings shall be in accordance with NZBC Acceptable Solution E2/AS1 and the Technical Literature.
- 8.6 Inter-storey junctions in claddings are required in accordance with NZBC Acceptable Solution E2/AS1 and must be detailed in accordance with the Technical Literature.
- 8.7 Where Mitten Cambridge and Cedarline Vinyl Claddings abut other cladding systems, designers must detail the junction to meet their own requirements and the performance requirements of the NZBC. Details not included within the Technical Literature have not been assessed and are outside the scope of this Appraisal.

Structure

Mass

- 9.1 The mass of Mitten Cambridge and Cedarline Vinyl Claddings is approximately 8 kg/m², and they are therefore considered lightweight claddings in terms of NZS 3604.

Impact Resistance

- 9.2 Mitten Cambridge and Cedarline Vinyl Claddings have adequate resistance to hard and soft body impacts likely to be encountered in normal residential use. The likelihood of impact damage to the system when used in light commercial situations should be considered at the design stage, and appropriate protection such as the installation of bollards and barriers should be considered for vulnerable areas.

Wind Zones

- 9.3 Mitten Cambridge and Cedarline Vinyl Claddings have been appraised for use in all Wind Zones of NZS 3604 up to, and including, Extra High, where buildings are designed to meet the requirements of NZBC Acceptable Solution E2/AS1, or up to design differential 2.5 kPa ULS wind pressure when the buildings are specifically designed.

Durability

- 10.1 Mitten Cambridge and Cedarline Vinyl Claddings meet the performance requirements of NZBC Clause B2.3.1 (b) 15 years for the cladding components.

Serviceable Life

- 10.2 Mitten Cambridge and Cedarline Vinyl Cladding installations are expected to have a serviceable life of at least 30 years for white (Frost), and at least 20 years for the remaining colours, provided the cladding is maintained in accordance with the Technical Literature and this Appraisal.
- 10.3 On exposure to the environment, Mitten Cambridge and Cedarline Vinyl weatherboards will gradually lose gloss and coloured weatherboards will gradually fade.
- 10.4 Coastal locations can be very corrosive to fasteners, especially locations within distances of up to 500 m from the sea including harbours, or 100 metres from tidal estuaries and sheltered inlets, and otherwise as shown in NZS 3604 Figure 4.2. These coastal locations are defined in NZS 3604 as Exposure Zone D. To achieve a maximum serviceable life in Exposure Zone D, Mitten Cambridge and Cedarline Vinyl Cladding weatherboards and the structural battens supporting them must be fixed with stainless steel fasteners.
- 10.5 Microclimatic conditions, including geothermal hot spots, industrial contamination and corrosive atmospheres, and contamination from agricultural chemicals or fertilisers can convert mildly corrosive atmosphere into aggressive environments for fasteners. The fixing of Mitten Cambridge and Cedarline Vinyl Claddings in areas subject to microclimatic conditions requires specific design in accordance with NZS 3604, and is outside the scope of this Appraisal.

Maintenance

- 11.1 Regular cleaning of the surface of the cladding (at least annually) is required to remove grime, dirt and any organic growth and to maximise the life and appearance of the material. Grime may be removed by brushing with a soft brush, warm water and a mild detergent. Avoid the use of stiff brushes or abrasive detergents as these will affect the gloss finish of the product. A water-blaster must not be used on this cladding.
- 11.2 Annual inspections must be made to ensure that all aspects of the cladding, including flashings and any sealed joints remain in a weatherproof condition. Any damaged areas or areas showing signs of deterioration which would allow water ingress must be repaired immediately.
- 11.3 Minimum ground clearances as set out in this Appraisal and the Technical Literature must be maintained at all times during the life of the cladding.

Prevention of Fire Occurring

- 12.1 Separation or protection must be provided to Mitten Cambridge and Cedarline Vinyl Claddings from heat sources such as fireplaces, heating appliances and chimneys. NZBC Acceptable Solutions C/AS1 and C/AS2 provide methods for separation and protection of combustible materials from heat sources.

Control of Internal Fire and Smoke Spread

- 13.1 Mitten Cambridge and Cedarline Vinyl Claddings include expanded polystyrene (EPS) which is a combustible insulant. The insulation, including any surface lining product enclosing the insulation from the adjacent occupied space, must achieve the Group Number for internal surface finish requirements as specified in NZBC Acceptable Solution C/AS1 or C/AS2.
- 13.2 The expanded polystyrene (EPS) used in the Mitten Cambridge and Cedarline Vinyl Claddings has been tested and complies with the flame propagation criteria of AS 1366, as required by NZBC Acceptable Solution C/AS1 and C/AS2.

Control of External Fire Spread

- 14.1 Refer to NZBC Acceptable Solutions and Verification Method C/AS1, C/AS2 and C/VM2 for fire resistance rating and control of external fire spread requirements for external walls.

Vertical Fire Spread

- 14.2 This Appraisal only covers buildings 10 m or less in height. NZBC Functional Requirement C3.2 identifies that external vertical fire spread to upper floors only needs be considered for buildings with a building height greater than 10 m. Control of external vertical fire spread is therefore outside the scope of this Appraisal.

Horizontal Fire Spread

- 14.3 Where required by NZBC Acceptable Solution C/AS1 or C/AS2, the cladding system will need to be installed over a fire resistance rated (FRR) external wall with the required FRR.

External Cladding Systems

- 14.4 Mitten Cambridge and Cedarline Vinyl Claddings contain materials not tested or classified as non-combustible or limited combustible materials.
- 14.5 Cladding materials must comply with the fire performance requirements of NZBC Acceptable Solution C/AS1 or C/AS2 based on the building height, distance of the external wall to the relevant boundary and if the building is sprinklered. Mitten Cambridge and Cedarline Vinyl Claddings have not been assessed for use where these requirements apply.

External Moisture

- 15.1 Mitten Cambridge and Cedarline Vinyl Claddings, when installed in accordance with this Appraisal and the Technical Literature, will prevent the penetration of moisture that could cause undue dampness or damage to building elements.
- 15.2 The drained cavity must be sealed off to restrict air movement between the drained cavity; and: floor, wall and roof framing, and attic roof space, and subfloor space as required by NZBC Acceptable Solution E2/AS1.
- 15.3 Construction moisture must be managed in accordance with NZBC Acceptable Solution E2/AS1 to ensure construction moisture is not permitted to damage building elements.
- 15.4 The details given in the Technical Literature for weather sealing are based on the principle of having a first and second line of defence against moisture entry for all joints, penetrations and junctions. The ingress of moisture must be excluded by detailing joinery and wall interfaces as shown in the Technical Literature. Weathertightness details that are developed by the designer are outside the scope of this Appraisal and are the responsibility of the designer for compliance with the NZBC.
- 15.5 Mitten Cambridge and Cedarline Vinyl Claddings, where there is a designed cavity drainage path for moisture that penetrates the cladding, do not reduce the requirements for junctions, penetrations, etc to remain weather resistant.

Internal Moisture

- 16.1 Buildings must be constructed with an adequate combination of thermal resistance and ventilation, and space temperature must be provided to all habitable spaces, bathrooms, laundries and other spaces where moisture may be generated or may accumulate.

Water Vapour

- 16.2 Mitten Cambridge and Cedarline Vinyl Claddings are not a barrier to the passage of water vapour, and when installed in accordance with this Appraisal, will not create a risk of moisture damage resulting from condensation.

Installation Information

Installation Skill Level Requirement

- 17.1 All design and building work must be carried out in accordance with the Mitten Cambridge and Cedarline Vinyl Claddings Technical Literature and this Appraisal. All building work must be undertaken by Vinyl Cladding New Zealand Limited trained and licensed installers. Where the work involves Restricted Building Work [RBW], this must also be completed by, or under the supervision of, a Licensed Building Practitioner [LBP] with the relevant Licence Class.

Mitten Vinyl Cladding Installation

Wall Underlay and Flexible Sill and Jamb Tape Installation

- 18.1 The selected wall underlay and flexible sill and jamb tape system must be installed by the building contractor in accordance with the underlay and tape manufacturer's instructions prior to the installation of the cavity battens and the rest of the cladding system.
- 18.2 Flexible wall underlay must be installed horizontally and be continuous around corners. Underlay must be lapped 75 mm minimum at horizontal joints and 150 mm minimum over studs at vertical joints. Generic rigid underlay materials must be installed in accordance with NZBC Acceptable Solution E2/AS1 and be overlaid with a flexible wall underlay. Proprietary systems must be installed in accordance with the manufacturer's instructions. Particular attention must be paid to the installation of the building underlay and sill and jamb tapes around window and door openings to ensure a continuous seal is achieved and all exposed wall framing in the opening is protected.

Structural Cavity Batten Installation

- 18.3 Structural cavity battens must be installed over the building underlay to the wall framing at maximum 600 mm centres where the studs are at 600 mm centres or at 400 mm centres when studs are at 400 mm centres. The cavity battens must be fixed in place with flat head nails at 300 mm centres. The nail fixings must be staggered 12 mm either side of the batten centre line. Refer to Paragraph 4.2 for batten fixing options and section 6 of BRANZ Bulletin Number 673 for further information.
- 18.4 Where studs are at greater than 450 mm centres and a flexible wall underlay is being used, a building underlay support must be installed over the underlay at maximum 300 mm centres horizontally.

Joinery Installation

- 18.5 Joinery must be installed in accordance with the appraised Technical Literature and any Technical Literature of the joinery manufacturer. The joinery must be installed plumb, and level, fixed in accordance with NZBC Acceptable Solution E2/AS1 or the joinery manufacturers Technical Literature.

Mitten Vinyl Weatherboard Installation

- 18.6 Mitten Cambridge and Cedarline Vinyl Cladding weatherboards may be cut on-site by power or hand saw. Holes and cut-outs may be formed by using a hole saw. Specific guidance on the cutting of the vinyl and polystyrene materials is given in the Mitten Cambridge and Cedarline Vinyl Claddings Technical Literature.
- 18.7 Mitten Vinyl weatherboards must be kept dry prior to installation.
- 18.8 Mitten Cambridge and Cedarline Vinyl Claddings must be installed starting at the bottom of the wall. The starter strip must first be fixed behind the bottom course of weatherboards to ensure that this first course is set out level. The starter strip is designed to establish a level bottom course and to overhang the bottom plate by the required minimum of 50 mm.
- 18.9 Before the vinyl weatherboards are installed, the corner details must be decided and plumbed vertical, e.g. corner-post profile for external corners and J-trims used to create internal corners. The necessary flashings must be installed before commencing weatherboard fixing and a cavity closure must be installed continuously around the bottom of all cavities.

- 18.10 Mitten Vinyl weatherboard vertical joints must be overlapped by the depth of the factory cut notch. The EPS backing of the cladding profile is designed to be butted tight.
- 18.11 Mitten Vinyl weatherboards are located in place by sliding the bottom of the new board up and into the lock profile on the top of the previously fixed weatherboard. Once the new weatherboard is located, it must be fixed with a screw and washer through the centre of each fixing slot at each stud. Screws and washers must be placed in the centre of the slots to allow for thermal expansion and contraction movement. Screws and washers must not be driven home tight but left so that there is at least 1 mm of free-play between the washer and the vinyl profile. Failure to correctly place screws at the centre of fixing slots or their over-tightening will cause weatherboards to buckle or distort with heat.
- 18.12 Mitten Vinyl weatherboards should be used in full lengths wherever possible. Where weatherboard end joints are required, the joint must be formed on a stud. Subsequent end joints in Mitten Vinyl weatherboards must be staggered by at least 600 mm. No more than two joints are permitted in any vertical line and there must be no less than 3 rows of weatherboards between joints before repeating the joint position.

Finishing

- 18.13 Mitten Cambridge and Cedarline Vinyl weatherboards are pre-coloured at manufacture and factory finished with a gloss surface and require no on-site finishing.

Inspection

- 18.14 The Technical Literature must be referred to during inspection of Mitten Cambridge and Cedarline Vinyl Cladding installations.

Health and Safety

- 19.1 Cutting of Mitten Vinyl weatherboards must be carried out in well ventilated areas and eye and hearing protection should be worn.
- 19.2 Safe use and handling procedures for the components that make up Mitten Cambridge and Cedarline Vinyl Cladding are provided in the manufacturer's Technical Literature.

Basis of Appraisal

The following is a summary of the technical investigations carried out:

Tests

- 20.1 The following testing has been completed by BRANZ:
- BRANZ expert opinion on NZBC E2 code compliance for Mitten Cambridge and Cedarline Vinyl Claddings is based on testing and evaluation of all details within the scope and as stated within this Appraisal. Mitten Cambridge Vinyl Cladding details were tested to NZBC Verification Method E2/VM1. The testing assessed the performance of the foundation detail, window head, jamb and sill details, vertical and horizontal weatherboard joints, internal and external corners. The results of the test were used in the evaluation of the Mitten Cambridge and Cedarline Vinyl Claddings. In addition to the weathertightness test, the details contained within the Technical Literature have been reviewed, and an opinion has been given by BRANZ technical experts that the system will meet the performance levels of NZBC Acceptable Solution E2/AS1 for cavity-based weatherboard claddings.
 - Wind face load and fastener pull through testing for Mitten Cambridge and Cedarline Vinyl Claddings determined design wind suction pressures, and by comparing these pressures with the NZS 3604 design wind speeds and AS/NZS 1170 pressure coefficients, the fixing requirements were determined for timber-framed walls.

Other Investigations

- 21.1 Structural and durability opinions have been provided by BRANZ technical experts.
- 21.2 The performance and history of use of vinyl weatherboard wall cladding products in New Zealand and Australia has been considered, including their structural and weathertightness performance, durability and non-hazardous nature.
- 21.3 Test results for flame propagation testing to AS 2122.1 of the EPS component of Mitten Cambridge and Cedarline Vinyl Claddings were obtained and reviewed by BRANZ technical experts. The review was satisfactory.
- 21.4 Site inspections have been carried out by BRANZ to assess the practicability of installation and to examine completed installations.
- 21.5 The Technical Literature for Mitten Cambridge and Cedarline Vinyl Claddings has been examined by BRANZ and found to be satisfactory.

Quality

- 22.1 The manufacture of Mitten Cambridge and Cedarline Vinyl Claddings has not been examined by BRANZ, however the methods adopted for quality control and details regarding the quality and composition of the materials used were obtained by BRANZ and found to be satisfactory.
- 22.2 Mitten Cambridge and Cedarline Vinyl Claddings manufactured at Mitten Inc. are subject to an annual manufacturing quality audit as part of the Vinyl Siding Institute Product Certification Program. The annual quality audit in turn supports ICC Evaluation and CCMC Acceptance which are recognised by BRANZ.
- 22.3 The quality control system and manufacture of the polystyrene insert material used as a component of Mitten Cambridge and Cedarline Vinyl Claddings has been assessed as meeting the requirements of AS 1366.3.
- 22.4 The quality of materials, components and accessories supplied to the market is the responsibility of Mitten Inc.
- 22.5 Quality of installation on-site is the responsibility of the licensed installer.
- 22.6 Designers are responsible for the building design, and building contractors are responsible for the quality of installation of framing and joinery, wall underlays, flashing tapes and air seals.
- 22.7 Building owners are responsible for the maintenance of Mitten Cambridge and Cedarline Vinyl Claddings in accordance with the instructions of Vinyl Cladding New Zealand Limited.

Sources of Information

- AS 1366.3:1992 Rigid cellular polystyrene – Moulded [RC/PS-M].
- AS 2122.1-1993 [R2016] Combustion characteristics of plastics Determination of flame propagation – Surface Ignition of vertically oriented specimens of cellular plastics.
- AS/NZS 1170:2002 Structural design actions.
- BRANZ Bulletin Number 673, June 2022, Cavity Battens.
- NZS 3602:2003 Timber and wood-based products for use in building.
- NZS 3603:1993 Timber Structures Standard.
- NZS 3604:2011 Timber-framed buildings.
- NZS 4211:2008 Specification for performance of windows.
- Ministry of Business, Innovation and Employment Record of amendments – Acceptable Solutions, Verification Methods and handbooks.
- The Building Regulations 1992.



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02 March 2026

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CEDARLINE VINYL CLADDINGS



In the opinion of BRANZ, **Mitten Cambridge and Cedarline Vinyl Claddings** are fit for purpose and will comply with the Building Code to the extent specified in this Appraisal provided they are used, designed, installed and maintained as set out in this Appraisal.

The Appraisal is issued only to **Mitten Inc.**, and is valid until further notice, subject to the Conditions of Appraisal.

Conditions of Appraisal

1. This Appraisal:
 - a) relates only to the product as described herein;
 - b) must be read, considered and used in full together with the Technical Literature;
 - c) does not address any Legislation, Regulations, Codes or Standards, not specifically named herein;
 - d) is copyright of BRANZ.
2. **Mitten Inc:**
 - a) continues to have the product reviewed by BRANZ;
 - b) shall notify BRANZ of any changes in product specification or quality assurance measures prior to the product being marketed;
 - c) abides by the BRANZ Appraisals Services Terms and Conditions;
 - d) warrants that the product and the manufacturing process for the product are maintained at or above the standards, levels and quality assessed and found satisfactory by BRANZ pursuant to BRANZ's Appraisal of the product.
3. BRANZ makes no representation or warranty as to:
 - a) the nature of individual examples of, batches of, or individual installations of the product, including methods and quality of work;
 - b) the presence or absence of any patent or similar rights subsisting in the product or any other product;
 - c) any guarantee or warranty offered by **Mitten Inc.**
4. Any reference in this Appraisal to any other publication shall be read as a reference to the version of the publication specified in this Appraisal.
5. BRANZ provides no certification, guarantee, indemnity or warranty, to **Mitten Inc.** or any third party.

For BRANZ

Claire Falck

Chief Executive

Date of Issue:

02 March 2026