

Rich Rusty Brown schist from Central Otago. Available in walling, with formed corners

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Level of assurance needed to demonstrate NZ Building Code Compliance

Supporting documentation should include technical information by manufacturer and either an independent assessment or reference to an industry-based scheme



SUMNER confirms that this minimum level of assurance has been met or exceeded by the following:

CodeMark

[BCS-141814-CMNZ](#)

Technical Statement

Product Description

The SUMNER Natural Stone Cladding System (SUMNER System) uses a fibre-cement board as the cladding substrate onto which is adhered a selected natural stone veneer. Sumner (fibre-cement) Board is fixed to timber or steel framing by way of 10g x 60mm stainless steel screws at 220mm centers applied around the perimeter and centre of the board. In order to ensure the board meets the durability requirements, the board is primed on the face. To prevent the ingress of moisture at vertical junctions, a specialized board tape is used, and for inter-storey junctions, the tape is used in place of z flashings.

Scope of use

SUMNER is direct fix unless used as a cladding, in which case we supply our own proprietary cavity system (rigid backer and cavity battens).

- Up to 3 storeys, or 10m to top of chimney
- With floor plan area limited only by seismic and structural control joints, and
- External walls that are vertical, and roofs that are 60° or less above the horizontal, and
- Buildings that require specific design input must have framing stiffness equal to the framing provisions of NZS 3604, and Timber frame constructions complying with the NZBC, and Steel frame constructions must be to a specific design meeting the requirements of the NASH 3405, and Masonry constructions complying with NZS3604:2011, and Suitable for residential and commercial applications, in locations where the maximum wind zone is determined to be less than or equal to very high (50m/s).

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 B1.3.2, B1.3.3, B1.3.3(a), B1.3.3(f)
- Clause B2 Durability:** Performance B2.3.1(a), B2.3.1(b), B2.3.1(c)
- Clause E2 External moisture:** Performance E2.3.2
- Clause F2 Hazardous building materials:** Performance F2.3.1

Evidence

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

SUMNER Board complies with AS/NZS 2908.2:2000, and NZBC clause B1

Supporting Evidence

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



CodeMark

[BCS-141814-CMNZ](#)

Product Criteria

Design requirements

Used for cladding of steel, timber frame and masonry buildings, with wind speed up to 50 m/s (Very High). Use our Codemark for ease of compliance.



Company Contact Details



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Company: SUMNER Schist cladding

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Unlimited use any landscaping application

Installation requirements

The SUMNER System must only be installed on vertical surfaces in accordance with the Technical Literature. Wind Zone Suitable for locations where the maximum wind zone is determined to be less than or equal to very high (50m/s), or where specific design is employed. Where SUMNER Schist cladding system is to be used for High-wind zones a Rigid Air Barrier compliant with NZBC must be employed. SUMNER has also been appraised for weather tightness and structural wind loading when used for timber or steel framed buildings subject to specific design up to a design differential ultimate limit state (ULS) wind pressure of 2500Pa. Maximum Height Three stories buildings, and chimneys no higher than 10 meters above ground level.

Company Product Information

Relationships



New Zealand Made

Videos

[SUMNER Otago Brown time delay installation video](#)



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