

Insulation panels installed on the outside of a roof that are protected by a waterproof membrane.

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Level of assurance needed to demonstrate NZ Building Code Compliance

Supporting documentation should include technical information by manufacturer and either a BRANZ or independent Appraisal or CodeMark



Viking Roofspec confirms that this minimum level of assurance has been met or exceeded by the following:
[BRANZ Appraisal 713 \(2018\)](#)

Technical Statement

Scope of use

The Viking Warm Roof System has been appraised for use as an insulating roof on buildings within the following scope:

- The scope limitations of NZBC Acceptable Solution E2/AS1, Paragraph 1.1 with regards to building height and maximum floor plan areas; and,
- On limited access flat roofs with concrete, timber or steel structural decks subject to specific structural design; and,
- With roofs constructed to drain water to gutters and drainage outlets complying with the NZBC; and,
- With roofs constructed to suitable falls (Refer Paragraph 15.3 and 15.4 of the [BRANZ Appraisal](#)); and,
- With no integral roof gardens; and,
- Situated in NZS 3604 Building Wind Zones, up to, and including 'Extra high'.

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
- **Clause B2 Durability:** Performance B2.3.1, B2.3.1(b)
- **Clause E2 External moisture:** Performance E2.3.1, E2.3.2
- **Clause F2 Hazardous building materials:** Performance F2.3.1
- **Clause H1 Energy efficiency :** Performance H1.3.1, H1.3.1(a)

Supporting Evidence

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



BRANZ Appraisal
[713 \(2018\)](#)

Product Criteria

Design requirements

Product specification and incorporation of Viking Warm Roof Systems into the building design shall be carried out by a designer/architect/engineer or a building professional who:

- Is qualified to design the building under the 'Scope' of use of this product.
- Has ready access to the technical specifications including installation details and standards referenced in the BRANZ Appraisal where the design limitations are outlined for the scope of this PTS.

The Viking Warm Roof System comes with a range of accessories including a vapour barrier, fasteners and F.A.S.T. adhesive. [Click here for a comprehensive list of accessories.](#)

Installation requirements

Installation shall be carried out by a Viking Roofspec trained and licensed installer. Installation shall be undertaken in accordance with all relevant



masterspec partner

Company Contact Details

Viking WarmRoof

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technical information related to the selected installation method, including information contained within the BRANZ Appraisal. Long term properties of the material may be affected by contact with petroleum-based products such as oils, greases and solvents.

Maintenance requirements

The membrane roof system must be regularly checked (at least annually) checked for damage, rubbish and debris. Damage, such as small punctures and tears must be repaired and coatings reapplied as recommended by Viking Roofspec Ltd. Special care must be taken when inspecting the membrane roof systems to ensure the continuing prevention of moisture ingress, and repairs must be undertaken when required. Drainage outlets must be maintained to operate effectively.

Warrantees

The Viking Warm Roof System is backed by a 20-year product warranty. For specific projects, Viking Warm Roof can be eligible to be covered by Viking's Full System Warranty, which covers the product and installation in one document.

Company Product Information

Environmental

- Overlay option - avoid dumping the old roof.
- Reduction in energy consumption - less energy required for air conditioning and heating.
- The thermal performance of the Warm Roof System helps towards achieving Green Star points for a building.
- As a Warm Roof is insulated from the outside of the building, thermal performance is increased.
- No CFC's in the manufacture of a Warm Roof.
- Various other environmental benefits as a result of using Viking Enviroclad Membrane. For a list of these, check the bottom of the Enviroclad PTS here.

Quality Assurance



ISO 9001 (Quality Management)

Relationships



Member of New Zealand Green Building Council



BRANZ 713

Videos

[How a Viking Roofspec Warm Roof is constructed](#)



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