

Viking Roofspect Peel & Stick Waterproofing Membrane

Product Technical Statement: 106472



Underground waterproofing system providing protection from water ingress for below-ground structures

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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 Roofspect confirms that this minimum level of assurance has been met or exceeded by the following:
BRANZ Appraisal
[826 \(2019\)](#)

Technical Statement

Product Description

Viking Peel & Stick Membrane is a self-adhering, damp-proof membrane (DPM) waterproofing system for vertical and horizontal tanking applications. It is primarily adhered to the outside of a sub-structure of a building (such as a foundation or basement) to prevent water ingress.

Other forms of tanking where Peel & Stick can be used include, behind masonry walls, the lining of substrates of in situ or pre-cast concrete; retaining walls, cellars, lift shafts, and (hot blocks no more than 1.5 meters below ground)

Peel & Stick consists of a 1.5mm thick rubberised asphalt membrane, on the face of which a heavy-duty, high impact polyethylene film is laminated. It is easy to install (aiding a quality finish), with the adhesive side having a removable wax paper release sheet which is peeled back at the time of application to the substrate. It is cold-applied, so it is useful in restricted areas where the use of a flame is not an option. The Peel & Stick system consists of the membrane, bituminous primer, liquid mastic sealant, protection boards and drainage boards.

Peel & Stick provides full-adhesion to eliminate water migration. Peel & Stick can be adhered to various substrate types and the bond improves over time. It possesses elastomeric properties, so the membrane forgives movement and provides flexibility over cracks. It is mechanically strong and resists hydro-static pressure.

Peel & Stick can be used in conjunction with Viking's Under Slab Tanking Membrane when required to tank under footings and under slab situations.

Peel & Stick comes in rolls 1.5mm thick x 0.914m wide (fewer seams) x 20.4m long. BRANZ Appraised No. 826 (2014). 20-year product warranty. Viking Roofspect is an active member of the Waterproofing Membrane Association Inc. (W.M.A.I.); an incorporation of companies whose goal is to lift the standard of waterproofing in New Zealand. The W.M.A.I. is formulating a "Tanking Code of Practice" for the Department of Building and Housing.

Scope of use

Viking Peel & Stick Membrane has been appraised as a DPM for use:

- On buildings subject to non-specific design complying with NZS 3604 behind concrete masonry basement walls complying with NZS 4229; and,
- On buildings subject to specific design with substrates of in situ or precast concrete complying with NZS 3101 or concrete masonry complying with NZS 4230 and 4210; and,
- Where subsoil drainage and free draining granular back fill has been placed behind basement walls.

Viking Peel & Stick Membranes must be adequately protected against damage during back filling and in service.

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:



masterspec partner

Company Contact Details

Viking Peel&Stick

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

Supporting Evidence

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



BRANZ Appraisal
826 (2019)

Product Criteria

Design requirements

Product specification and incorporation of Viking Peel & Stick Membranes into the building design shall be carried out by a designer/architect/engineer or a building professional who:

- Is qualified to design the buildings covered 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 No. 826 where the design limitations are outlined for the scope of this PTS.

Accessories that are part of the Viking Peel & Stick system include bituminous primer (19L), liquid mastic sealant (750ml), protection boards and drainage boards.

Installation requirements

- Installation shall be carried out by a Viking Roofspec trained and licensed installer.
- Installation shall be undertaken in accordance with all relevant technical information related to the selected installation method, including information contained within the BRANZ Appraisal No. 826 (2014).

Maintenance requirements

- Annual inspections must be made of the membrane's termination bar and sealant and protection, the backfill capping, and the drainage pipe to ensure all are functioning as originally designed.
- If required, the drainage pipe must be cleared to remove any sediment or silt build-up. The slope of the backfill capping must be maintained at all times.
- Long term properties of the material may be affected by contact with petroleum-based products such as oils, greases and solvents.

Warrantees

The Viking Peel & Stick System is backed by a 20-year product warranty.

Company Product Information

Quality Assurance



ISO 9001 (Quality Management)

Relationships



Member of New Zealand Green Building Council



Date last validated: **07 July 2020**



Date last updated: **07 July 2020**

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