

Viking Roofspec Butylclad Waterproofing Membrane

Product Technical Statement: 101132



Rubber waterproofing membrane for flat roofs, low slope roofs, gutters, parapets and decks.

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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
[307 \(2019\)](#)

Technical Statement

Product Description

A synthetic rubber waterproofing membrane designed to be used on roofs (ideal for low-slope), decks, balconies, parapets and gutters, especially those with irregular angles, curves and contours.

- Butylclad is the right mix of EDPM Rubber (30%) and Butyl Rubber (70%) to create a membrane that offers elongation, UV resistance and a tough finish.
- The product is long and narrow, so there are less seams and wastage.
- Available in black & grey; 1.0mm (25m long) and 1.5mm (20m long) thicknesses and 1.35 metre wide rolls.
- Flagship projects where Viking Butylclad has been applied include the Fisher & Paykel Healthcare Building in South Auckland; Mainfreight's 2 depots in Auckland; Novotel Hotel in Greenlane; and the Christchurch Airways Building.
- BRANZ appraised No. 307.
- Complies with E2/AS1 as an "Acceptable Solution".
- 20 year product warranty and eligible for Viking's comprehensive Full System Warranty.

Masterspec Reference- 442VB

Scope of use

Butylclad has been appraised for use as a waterproofing membrane for buildings within the following scope:

- Scope limitations of NZBC Acceptable Solution E2/AS1, Paragraph 1.1; and,
- With timber supporting structures designed and constructed in accordance with the NZBC; and,
- With nominally flat or pitched roofs constructed to drain water to gutters and drain outlets complying with NZBC; and,
- With substrates of plywood sheet.

Butylclad has also been appraised for use as a waterproofing membrane for external reinforced concrete and plywood roofs and decks for buildings within the following scope:

- Up to 3 storeys with a maximum height from ground to eaves of 10m and with a floor plan area limited only by seismic and structural control joints.

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

Supporting Evidence

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



BRANZ Appraisal
[307 \(2019\)](#)



masterspec partner

Company Contact Details

Viking Butylclad

Brand: Viking Roofspec

Company: Viking Roofspec

Physical Address: 80 Alexander Crescent
Otara
AUCKLAND

Postal Address: PO Box 14541
Panmure
AUCKLAND

Telephone: 64 09 2729709

Fax: 64 0800 729788

Email: info@vikingroofspec.co.nz

Website: <http://www.vikingroofspec.co.nz/catalog/product/butylclad-butyl-rubber-waterproofing-membrane-flat%20roofs>

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Product Criteria

Design requirements

Product specification and incorporation of Viking Butylclad 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. 307, where the design limitations are outlined for the scope of this PTS.

The Viking Butylclad system comes with a range of accessories including sumps, scuppers and overflows. [Click](#) here for a full range of Butylclad accessories.

Installation requirements

Installation shall be carried out by a Viking Roofspec 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. 307](#) and Viking Roofspec Rubber Applicator Handbook, version 1.1 (17/07/2013). Long term properties of the material may be affected by contact with petroleum-based products such as oils, greases and solvents.

Maintenance requirements

No maintenance of the membrane is normally required provided significant substrate movement does not occur. In the event of damage to the membrane, the membrane must be repaired by removing the damaged portion and applying a patch as for new work. Drainage outlets must be maintained to operate effectively.

Warrantees

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

Company Product Information

Quality Assurance



ISO 9001 (Quality Management)

Relationships



Member of New Zealand Green Building Council



New Zealand Made



Date last validated: **07 July 2020**



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