

# Viking Roofspec Epiclad F.B.S. (EPDM fleece-backed) Rubber Waterproofing



Fleece-backed waterproof membrane. Reroofing solution installed over old bitumen or rough substrate.

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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 \(2013\)](#)

## Technical Statement

### Product Description

Manufactured for waterproofing rough surfaces, or retrofitting over bitumen, malthoid, concrete or tongue and groove sarking. A great solution for low-slope roof overlays and/or applying to rough substrates.

Viking Epiclad FBS comprises EPDM rubber polymer and a polyester fibre matt fleece-backing (2.50mm thick combined) which promotes the bond with the substrate, creating an aesthetically pleasing roof.

- High impact, UV and weather resistant.
- Extra cushioning against punctures and tearing.
- Excellent elasticity, tensile and elongation properties.
- Overlaying negates any costs associated with stripping the current roofing surface.
- Overlaying avoids exposing the interior of the building to the changing weather conditions as the roof is replaced.
- No need to dump the old roof reducing wastage costs and avoiding filling the local land-fill.
- BRANZ appraised and complies with E2/AS1 as an "Acceptable Solution".
- 20 year product warranty and eligible for comprehensive full system warranty.

### Scope of use

Viking Epiclad FBS 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.

Viking Epiclad FBS 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



## masterspec partner

### Company Contact Details



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](mailto:info@vikingroofspec.co.nz)

Website: <http://www.vikingroofspec.co.nz/catalog/product/epiclad-fbs-fleece-backed-waterproofing-membrane>

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307 (2013)

## Product Criteria

### Design requirements

Product specification and incorporation of Viking Epiclad FBS 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 \(2013\)](#) where the design limitations are outlined for the scope of this PTS.

The Viking Epiclad FBS system comes with a range of accessories including sumps, scuppers and overflows. [Click here for a full range of Epiclad FBS 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 (2013) 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

Aside from regular roof inspections to keep drains clear, 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 using lap tape.

### Warrantees

Viking Epiclad FBS is backed by a 20-year product warranty. For specific projects, Epiclad FBS 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

### Environmental

Epiclad FBS can be applied over the existing roof surface saving uplift and dumping of the old roof materials. Epiclad FBS has a potable water certificate - drinking water can be collected off an Epiclad FBS roof.

### Quality Assurance



ISO 9001 (Quality Management)

### Relationships



Member of New Zealand Green Building Council



Date last validated: **04 May 2016**



Date last updated: **04 May 2016**

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