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## Viking Enviroclad Roofing and Deck Membrane

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Abbreviation  
Appraisal number 656  
Valid from  
27/05/2020

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Information provider  
BRANZ Limited  
Information type  
BRANZ Appraisal  
Format  
PDF

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### Description

Viking Enviroclad is a single ply, polyester fabric reinforced, thermoplastic polyolefin (TPO) waterproofing sheet membrane for flat or pitched roofs and decks. It can be applied as a fully bonded or mechanically fixed system.

### Scope

Viking Enviroclad has been appraised as a roof and deck waterproofing membrane on buildings within the following scope:

- the scope limitations of NZBC Acceptable Solution E2/AS1, Paragraph 1.1; or
- the scope limitations of NZBC Acceptable Solution E2/AS1, Paragraph 1.1 with respect to building height and maximum floor plan areas when subject to specific design; and,
- with building structures designed and constructed to meet the requirements of the NZBC; and,
- with substrates of plywood or concrete slab; and,
- with minimum falls for roofs of 1:30 and decks of 1:40; and,
- with decks that have a maximum area of 40 m<sup>2</sup>; and,
- situated in NZS 3604 Wind Zones, up to, and including Extra High.

Viking Enviroclad has also been appraised for use as a roof and deck waterproofing membrane on specifically designed buildings within the following scope:

- subject to specific structural and weathertightness design; and,
- with substrates of plywood or concrete slab; and,
- situated in specific design wind pressures (refer Paragraph 8.1) and,
- with the weathertightness design of junctions for each specific structure being the responsibility of the building designer.

Roofs and decks waterproofed with Viking Enviroclad must be designed and constructed in accordance with the following limitations:

- nominally flat or pitched roofs and decks constructed to drain water to gutters and drainage outlets complying with the NZBC; and,
- with no steps within the deck level, no integral roof gardens and no downpipe direct discharge to the

decks; and,

- with the deck membrane continually protected from physical damage by pedestal protection system or Viking Decoupling System.

The design and construction of the substrate and movement and control joints is specific to each building, and therefore is the responsibility of the building designer and building contractor and **is outside the scope** of this Appraisal.

The membrane must be installed by Viking Roofspec Licensed and Trained Installers.

For assistance with locating previous versions, please contact the information provider.

#### Notes/comments

This Appraisal replaces BRANZ Appraisal No. 656 (2015).

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