

Certificate no: CMNZ70010

Version: 3

Original issue date: 19 March 2019

Version date: 21 March 2024

## 1. Certificate Holder Details



**Neuchâtel Waterproofing Ltd**

120 Foundry Rd, Silverdale, Auckland 0932

New Zealand

info@neuchatel.co.nz

Ph: 09 441 4595

www.neuchatel.co.nz

## 2. Product Certification Body

**Bureau Veritas Australia Pty Ltd**

11/500 Collins Street

Melbourne VIC 3000 Australia

product.certification@bureauveritas.com

Ph: 1800 855 190

www.bureauveritas.com.au

**Complaints:** The complaints process for this certificate can be found here:

[www.bureauveritas.com.au/your-feedback](http://www.bureauveritas.com.au/your-feedback)

Sam Guindi – Bureau Veritas Product Certification Manager



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# Product Certificate

## Neuchâtel Permateg Waterproofing System

### 3. Description of Building Method or Product

Name of the product or method in Aotearoa New Zealand, including any brand names used. Description of what it is and the components that make up any system and its physical attributes including the materials and make-up of the product, where applicable. Matters that should be taken into account in the use or application of the building method or product can be found in item 6. Conditions and Limitations of Use. Continuation of description can be found in item 10 – Supporting Information about Description. [Delete if not applicable]. The building method's or building product's catalogue or model identification number or numbers or other unique identifiers that might be used to identify the building product or building method

The Neuchâtel Permateg Waterproofing System is a polymer modified bitumen applied over insulation board or a timber or concrete structural substrate in two layers with a nominal thickness of 6mm, and protection membrane to give a total thickness of up to 10mm.

### 4. Intended use of Building Method or Product

Intended use of the building method or product as described in the product manual and other instructional materials. A statement of the function or purpose of the building method or product. Continuation of intended use can be found in item 11 – Supporting Information about Intended use. [Delete if not applicable]

This product certificate covers the use of the Neuchâtel Permateg Waterproofing System as a waterproof roofing membrane.

### 5. New Zealand Building Code Provisions

The performance clauses of the New Zealand Building Code that are relevant to the intended use and with which the building method or product complies or contributes to (where used as part of a system).

How the building method or product complies or contributes can be found in item 8. Basis for Certification. Any qualifications on the extent of that compliance can be found in item 6. Conditions and limitations of use.

**B1 Structure** – B1.3.1; B1.3.2; B1.3.3 (b, d, c, f, h, m, n, q); B1.3.4

**B2 Durability** – B2.3.1 (a); (when concealed\*) or B2.3.1 (b) (not concealed); B2.3.2

\*Concealed means when used as a substrate, or incorporated in a green, or inverted insulated roof

**D1 Access Routes** – D1.3.3 (d)

**E2 External Moisture** – E2.3.1 (contributes to), E2.3.2 (contributes to), E2.3.7

**F2 Hazardous Building Materials** – F2.3.1



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Neuchâtel Permatec Waterproofing System



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## 6. Conditions and Limitations of Use

The building method or product's use is to be in accordance with the installation instructions and requirements against which the building method or product was assessed.

Conditions or limitations of conformity for the performance requirements the building method or product is compliant with, including any requirements for people with the qualifications and skills to install or use the building method or product, any known or demonstrated situations where the building method or product should not be used. A statement as to whether there are any matters that should be taken into account in the use or application of the building product or building method and, if so, what those matters are.

1. The Neuchâtel Permatec Waterproofing System must be installed in accordance with the relevant installation guide: Neuchâtel Permatec Design and Specification Guide 003 or the PermaTEC System Installation Guideline Feb 2024 Rev1.
2. Timber substrate structures may be designed in accordance with NZS3604:2011 as a heavy roof. Concrete and other specifically designed substrates must be designed in accordance with verification method B1/VM1 (Amendment 15) using the structural design actions in AS/NZS1170.1:2002.
3. All plywood sheets must be CCA treated to H3.2. The plywood must be a minimum of 17mm thickness complying with AS/NZS2269.0:2012.
4. The substrate must be dry, with no sharp projections.
5. The membrane must be fully protected.
6. All work must be carried out by Neuchâtel Waterproofing Ltd approved applicators. (contact certificate holder for list of approved applicators).
7. The design and construction of the substrate and movement and control joints in specific to each building and is outside the scope of this certificate.
8. The weathertightness design of all junctions on specifically designed buildings in outside the scope of this certificate.
9. The Neuchâtel Permatec Waterproofing System may be used where the minimum gradient of the substrate structure is completely flat (less than 1:80) including nominally zero pitch.

## 7. Health and Safety Information

Health, safety, and well-being declarations associated with installation, maintenance, and use of the building method or product, and their specific editions and dates necessary to ensure the performance requirements of clauses F1 to F9 of the Building Code can be met.

The compliance with any manufacturer's installation instructions, maintenance, OH & S statements, MSDS's and other Health and Safety declarations will provide the necessary Health and Safety Information pertaining to the product.



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## 8. Basis for Certification

How the performance requirements in the Building Code were met for each of the provisions. Where used as part of a system, the specific contribution to compliance.

B1 Structure – By analysis and comparison with the requirements of the performance requirements of Building Code performance clauses for B1 using BS/EN 13108-6:2006 Bituminous mixtures Material Specifications Part 6: Mastic Asphalt  
B2 Durability – By testing and comparison with Verification Method B2/VM1 using BS/EN 13108-6  
E2 External Moisture – By testing and comparison with the requirements of Acceptable Solution E2/AS1 using BS/EN 13108-6  
F2 Hazardous material – By comparison with the performance requirements of Building Code clause F2.3.1.

## 9. Supporting Documentation for Certification

Reference to any acceptable solutions, verification methods, New Zealand Standards, or other compliance pathways referenced against each individual performance requirement the building method or product is compliant with, and their specific version and date. Reference to documents describing tests and evaluations and any other documents relied on for certification or used to prove compliance, including their full title, specific version and date.

1. Acceptable Solutions and Verification Methods for New Zealand Building Code Clause B2 Durability Second edition (Amendment 12), 28 November 2019
2. Acceptable Solutions and Verification Methods for New Zealand Building Code Clause F2 Hazardous building materials First edition (Amendment 3), 1 January 2017
3. Acceptable Solutions and Verification Methods for New Zealand Building Code Clause D1 Access Routes 2<sup>nd</sup> Edition (Amendment 6), 1 January 2017
4. Verification Methods E2/VM1 and Acceptable Solutions E2/AS1, E2/AS2 and E2/AS3 for New Zealand Building Code Clause E2 External Moisture Third edition (Amendment 10), 5 November 2020
5. BBA Agrément Certificate 03/4009 Product Sheet 1 Permatec EcoWrap Hot-Applied Monolithic Membrane Roofing System
6. BBA Agrément Certificate 03/4009 Product Sheet 3 Permatec EcoWrap Hot-Applied Monolithic Membrane Green Roof Waterproofing system
7. IKO PermaTEC Safety Data Sheet, v4 1<sup>st</sup> July 2016
8. IKO PermaTEC High Penetration Primer Safety Datasheet, v2 01.07.2015
9. Neuchâtel PermaTEC Design and Specification Guide 003
10. PermaTec System Installation Guidelines, Feb 2024 Rev1



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## 10. Supporting Information About Description (Optional)

Any supporting information for section 3.

System Components:

- PermaTEC EcoWrap
- PermaFLASH-R
- PermaFLASH-D150
- PermaFLASH-D500
- PermaGUARD-F
- PermaGUARD-M
- PermaGUARD-HDPB
- PermaGUARD-PB
- PermaTEC Polymer Primer
- PermaTEC Anti-Root IKO Roof garden

## 11. Supporting Information About Intended Use (Optional)

Any supporting information for section 4.

- The Neuchâtel Permateg Waterproofing System can withstand maintenance pedestrian traffic.
- Neuchâtel Permateg Waterproofing System provides a suitable substrate for external pavers, tiles or concrete for pedestrian traffic, and for pavers or tiles on paver supports, for use on terraces, balconies or podia.
- Neuchâtel Permateg Waterproofing System may be used as part of a green roof system.
- Neuchâtel Permateg Waterproofing System may be used as part of an inverted insulated roof.

## 12. Supporting Information About Conditions and Limitations of Use (Optional)

Any supporting information for section 6.

N/A

All CodeMark certificates that are current must be registered with MBIE. MBIE maintains a register of valid product certificates. [Please find the register here.](#)

If the certificate is not listed on this register or it appears as (SUSPENDED), it is not a valid CodeMark certificate and does not have to be accepted by a building consent authority as establishing compliance with the New Zealand Building Code.



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