

Certificate no: CMNZ70032

Version: 3

Original issue date: 21 April 2020

Version date: 14 March 2024

## 1. Certificate Holder Details



### Nuralite Waterproofing Ltd

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## 2. Product Certification Body

### Bureau Veritas Australia Pty Ltd

11/500 Collins Street  
Melbourne VIC 3000 Australia  
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**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

## Nuraply 3PM Torch-on Membrane System for Roofs, Decks, Gutters and Parapets

### 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

Nuraply 3PM membrane system is a reinforced, double-layer torch-on bituminous waterproofing membrane and consists of a polymer modified bitumen capsheet which shall be used with one of the following basesheet options:

- Nuraply 3PB
- Nuraply 3PB-SA
- Nuraply 3PV
- Nuraply 3PV-SA

### 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]

The Nuraply 3PM double layer torch on membrane system provides a waterproofing system for new and existing roofs, decks, gutters and parapets. It may also be installed on a cold roof with insulation installed below the substrate or as a warm roof with insulation installed above the substrate. Nuraply 3PM torch-on membrane is suitable only for light maintenance foot traffic.

### 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.

**B2 Durability:** B2.3.1(b)

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

**F2 Hazardous Building Materials:** F2.3.1



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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 Nuraply 3PM system is certified for use with buildings:
  - a. located in NZS 3604:2011 Wind Zones, up to and including Extra High.
  - b. with the following substrates:
    - i. timber substrates: H3.2 treated Timber, H3 treated plywood sheets complying with AS/NZ 2269:2012 and reconstituted wood panels (Strandboard. Timber preservative shall not be LOSP (light organic solvent preservative) or CuN (copper nitrate)
    - ii. Concrete substrates complying with NZS 3101:2006 or NZS 3114:1987
    - iii. Enertherm PIR insulation board (which may be fixed to NPM 900 metal tray decks).
2. Nuraply 3PM system shall:
  - a. have a minimum finished fall (excluding gutters) of 1:80.
  - b. be installed in accordance with the Nuraply 3PM Roofing Membrane Installation Manual 2022 Edition 1, by a Nuralite Waterproofing Ltd approved installer (see [www.nuralite.co.nz/applicator](http://www.nuralite.co.nz/applicator) to find an approved installer).
3. The Nuraply 3PM system may be installed directly to the substrate or with Enertherm PIR insulation boards between.
4. Ventilation of timber roof spaces shall be specifically designed.

## 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.

## 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.

**B2 Durability** – By testing and comparison with Verification Method B2/VM1 using EN 13707. Flexible sheets for waterproofing - Reinforced bitumen sheets for roof waterproofing - Definitions and characteristics

**E2 External Moisture** – By testing and comparison with the requirements of Acceptable Solution E2/AS1 using EN 13707

**F2 Hazardous material** – By comparison with the performance requirements of Building Code clause F2.3.1.



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## 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. 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.
4. Irish Board of Agrément (IAB) Certificate No. 08/0316, IKO Roof Waterproofing Systems, May 2008, Revised 3<sup>rd</sup> June 2021.
5. BRANZ Appraisal No 547 [2019] Nuraply Roof and Deck Membranes.
6. MPA Test report P-BWU 03-514-1145 Tests to DIN EN 13707 for Polygum Turbo.
7. SGS INTRON Test Report 184352, 8 March 2019 (Tests to various EN standards on IKO Carbon Hi Speed – includes tests on flexibility after aging; shear resistance of joints after aging; resistance to static load).
8. SGS INTRON Test Report 184353, 18 January 2019 (Tests to various EN standards on IKO Base Universeel – includes tests on flexibility after aging; shear resistance of joints after aging; resistance to static load).
9. EN 13707 Flexible sheets for waterproofing - Reinforced bitumen sheets for roof waterproofing - Definitions and characteristics 2013.
10. SGS INTRON Test Report CTG-498/10, 8 March 2022 (Test to various EN standards on IKO eraser/power eraser/profagum/roofgarden/carbon)
11. Nuraply 3PM Roofing Membrane Installation Manual, 2022 Edition 1.



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## 10. Supporting Information About Description (Optional)

Any supporting information for section 3.

The complete Nuraply 3PM membrane system has a number of installation methods and base sheet options. These are specified in the installation manual and are based on factors such as the substrate material and the risk of moisture vapour entering the system and causing condensation.

### Cap sheet

- Nuraply 3PM Sheet is a nominally 4mm thick, 7.5m long x 1m wide, polymer modified bitumen sheet. Heat fused onto the basesheet underlay with heat welded lap joints, and a prefinished mineral chip upper surface. Nuraply 3PM is available from stock in three colour options; White, Slate, Charcoal. A thin coating of Nuraglaze may be applied to enhance the appearance and is a recommendation if potable water is being collected (Labelled as: IKO Carbon Turbo 7.5m (Charcoal); IKO Polygum7.5m (White); IKOgum 4 AR/F7.5m (Other))

### Basesheet on timber substrates

- NURAPLY 3PB provides a nominally 3mm thick 10m long x 1m wide polymer modified bitumen sheet, first layer in two-layer applications on timber substrates. Heat welded onto Nuraflux primed substrate with heat welded lap joints. (Labelled: Nuraply 3P)
- NURAPLY 3PB-SA provides a nominally 3mm thick 15m long x 1m wide polymer modified bitumen sheet, first layer in two-layer applications on timber substrates. Self-Adhered onto Nuraflux primed substrate with heat welded lap joints. (Labelled: IKO Base Stick F/SA 10m)

### Basesheet on concrete or existing Nuralite membrane substrates

- Nuraply 3PV and 3PV-SA Sheet is a nominally 4mm thick, 7.5m long x 1m wide polymer modified bitumen sheet, first layer waterproofing, heat fused, and 40% bond pattern integral vapour diffusion underside, to avoid vapour blisters from substrate moisture. Heat welded onto Nuraflux primed substrate with heat welded lap joints. (Labelled: IKO Base Quadra F/F 7.5m)

### Base sheet on Enertherm Board

- Enertherm is a 100 % CFC, HCFC and HFC-free insulation board with a core in hard polyisocyanurate foam, coated on both sides with a multi-layer gastight aluminium complex. (Labelled: IKO Enertherm).

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

Any supporting information for section 4.

N/A



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### 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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