

Certificate no: CMNZ70171

Version: 0

Original issue date: 5 February 2025

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1. Certificate Holder Details



Viking Roofspec Limited
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2. Product Certification Body

Bureau Veritas Australia Pty Ltd
Level 11/500 Collins Street
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product.certification@bureauveritas.com
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Complaints: The complaints process for this certificate can be found here:
www.bureauveritas.com.au/your-feedback

Sam Guindi – Bureau Veritas Product Certification Manager

Product Certificate

Viking Phoenix Super APAO 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 Viking Phoenix Super APAO Waterproofing System is a two-layer torch-applied, polyester-reinforced amorphous-poly-alpha-olefin (APAO) modified bitumen roof waterproofing membrane, with either a silica sand or slate finish upper surface and a thermofusible thermoplastic film on the lower surface.

The two layers consist of a 3mm or 4mm thick Base-sheet which is torch-applied or self-adhered to a primed substrate, and a 4mm thick Black or Grey coloured ceramic-chip Cap-sheet.

Phoenix Super APAO Base is coloured black and supplied in rolls 4 mm thick, 1 m wide and 10 m long.

Phoenix Super APAO Cap Ceramic is available in various ceramic chip colours and supplied in rolls 4 mm thick, 1m wide and 10 m long.

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 Viking Phoenix Super APAO Waterproofing System is a fully bonded, double layer, torch-on waterproofing system for use on non-trafficable roofs, decks, balconies, gutters and parapets.

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.

Clause B2 Durability: Performance Clauses B2.3.1 (b)

Clause E2 External moisture: Performance Clauses E2.3.1 (contributes to), E2.3.2, E2.3.6, E2.3.7

Clause F2 Hazardous building materials: Performance Clauses 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 Viking Phoenix Super APAO Waterproofing System is certified for use on buildings:
 - a. Where the sub-structure is:
 - i. Timber framed designed in accordance with NZS3604:2011 as a light roof; or
 - ii. Steel framed designed in accordance with NASH 2 as a light roof; or
 - iii. Concrete or other specifically designed sub-structure designed in accordance with verification method B1/VM1 (Amendment 15) using the structural design actions in AS/NZS1170:2002; and
 - b. Situated:
 - i. In Wind Zones, up to, and including, Extra High (as defined in NZS 3604:2011), and within the scope
 - ii. limitations of NZBC Acceptable Solution E2/AS1 Third Edition including amendment 10 para 1.1 with
 - iii. regards to building height; or
 - iv. In wind pressures up to a maximum design differential ultimate limit state (ULS) of 6 kPa; and
 - v. In any expose zone (as defined in NZS3604:2011) except microclimates, and
 - c. Where the substrate for the membrane is:
 - i. Timber or plywood (CCA or MCA H3.2 treated);
 - ii. Concrete (cast in-situ or pre-cast);
 - iii. Substrates of Plywood, concrete or Strandsarking® (roof only), and
 - d. Where the roof or deck is pitched or nominally flat (1:80) and gutters have a minimum fall of 1:100.
2. The Viking Phoenix Super APAO Waterproofing System shall:
 - a. Be designed and installed in accordance with the Viking Torch-on Applicator Handbook V6 2024 and the details set out on drawing indexed in Viking Torch-on Viking Roofspec Details Schedule (Ref VIK_TOR_0000_INDEX001), 23 November 2020, and
 - b. Be installed by Viking Roofspec approved applicators (contact certificate holder for list of approved applicators), and
 - c. Be separated or protected from heat sources such as fireplaces, heating appliances and chimneys, and
 - d. Be protected from physical damage by a pedestal protection system or other means where the where the membrane is on a trafficable area of a roof or deck and subject to pedestrian traffic other than for installation and general maintenance.
3. This certification does not include:
 - a. The design and construction of the substrate and movement / control joints, or



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- b. The weather tightness design of junctions between building elements on specifically designed buildings; applications where ancillary components other than those provided by Viking Roofspec listed in the installation manual are substituted with alternative products, or
- c. Integral roof gardens, steps within the roof surface and direct downpipe discharge to the roof level.

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

E2 External moisture - By testing and comparison with Acceptable Solution E2/AS1

F2 Hazardous building materials - 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. 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
3. NZS3604:2011 Timber framed buildings
4. AS/NZS1170:2002 Structural Design Actions
5. NASH Standard Part 2: 2019 Light Steel Framed Buildings
6. BRANZ Appraisal No. 948 [2022], Viking GM Torch-on Membranes, 23 March 2022
7. BBA Agrément Certificate 99/3586 Product Sheet 2, PHOENIX SUPER AND PHOENIX SUPER MINERAL ROOF WATERPROOFING SYSTEMS, 15 JANUARY 2021
8. Safety Data Sheet for Waterproofing Bitumen Sheeting, SS-MBP Rev 7, Oct 2017
9. Viking Torch-on Applicator Handbook V6 2024



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10. Viking Torch-on Viking Roofspec Details Schedule (Ref VIK_TOR_0000_INDEX001), 23 November 2020

10. Supporting Information About Description (Optional)

Any supporting information for section 3.

The Viking Phoenix Super APAO Waterproofing System uses the following components/accessories:

- VIKING TORCH-ON APAO DETAIL BASE SHEET - 3 mm APAO (Amorphous Polyalphaolefin) modified bitumen, reinforced, sand finished, torch-on base sheet
- VIKING TORCH-ON SOLVENT PRIMER - Solvent based primer for concrete, masonry, metal and PVC surfaces.
- VIKING TORCH-ON ECO PRIMER - Water based primer for plywood and Strandsarking® surfaces.
- VIKING EASY PASTE - Bituminous cold applied adhesive for cold application of Viking Torch-on Base sheets.
- VIKING BITUMINOUS FILLET - 25mm x 25mm x 1.2m bitumen fillet. Use at the base of all upstands, particularly concrete or PIR substrates.
- VIKING TORCH-ON SCUPPER OUTLETS - Scupper outlet sizes: 100mm x 100mm (stainless steel) or 207mm x 88mm (stainless steel).
- VIKING TORCH-ON SCUPPER OVERFLOWS - Scupper overflow size: 207mm x 88mm (stainless steel).
- CLAMP RING ROOF DRAINS OR OVERFLOWS - Clamp sealed drains or overflows - 65mm, 80mm, 100mm or 150mm.
- OVERFLOW SOFFIT TRIM - Accessory trim for use with overflow downpipes, where they protrude through soffit lining. To suit 65mm, 80mm and 100mm diameter overflows.
- VIKING STAINLESS STEEL DIVERTERS - Proprietary stainless-steel diverters.
- TERMINATION FLASHING - 2mm Aluminium Termination Flashing 140mm x 2.4m long with proprietary internal and external corners.

11. Supporting Information About Intended Use (Optional)

Any supporting information for section 4.

N/A

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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