

Certificate no: CMNZ70098

Version: 3

Original issue date: 04 February 2021

Version date: 31 August 2023

1. Certificate Holder Details



MASON'S Plastabrick Ltd

18A David McCathie Place, Silverdale Auckland 0932
New Zealand
info@mpb.co.nz
Ph: +64 9 414 7551
www.mpb.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

Sam Guindi – Bureau Veritas Product Certification Manager

Product Certificate

MASON'S Roof Underlays – VHP Value, VHP Strong, VHP Ultra & VHP Maxi



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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

Masons roof underlays are manufactured from synthetic multi-laminate spun-bonded, non-woven polypropylene membranes.

This certificate covers the following products:

- VHP Value (125 gsm)
- VHP Strong (140 gsm)
- VHP Ultra (180 gsm)
- VHP Maxi (220 gsm)

These products are described in section 10.

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]

Masons Roof Underlays are for use as a self-supporting roofing underlay and as a flexible air barrier.

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(a), B2.3.2

Clause C3 Fire affecting areas beyond the fire source: Performance Clauses C3.4 (c)

Clause E2 External moisture: Performance Clauses E2.3.1 (contributes to); E2.3.2 (contributes to), E2.3.5 (contributes to), E2.3.6 (contributes to), 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. Masons Roof Underlays are certified for use as a roof underlay and air barrier:
 - a. on buildings situated in wind zones up to and including Extra High (as set out in NZS3604) with a minimum roof pitch of 3°,
 - b. under masonry or metal tile and profiled metal roof claddings,
 - c. in all locations including where it is exposed to view.
2. Masons Roof Underlay shall be:
 - a. installed in accordance with the manufacturers Roof Underlay Installation Instructions, version 2.0 August 2023, and
 - b. installed run vertically or horizontally with or without support for roof pitches greater than 10°, run horizontally with or without support or run vertically with support for roof pitches less than 10°, provided that support is provided where the span is greater than 1200mm, and
 - c. protected from direct sunlight within 21 days of installation.

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 Acceptable Solution E2/AS1 and NZS2295

C3 Fire affecting areas beyond the fire source - By testing and comparison with Acceptable Solution C/AS2

E2 External moisture - By testing and comparison with E2/AS1; NZS2295; NZ Metal Roof and Wall Cladding Code of Practice version 3.0

F2 Hazardous building materials - By comparison with the requirements of performance 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. NZ Metal Roof and Wall Cladding Code of Practice version 3.0
2. Acceptable Solutions and Verification Methods for New Zealand Building Code Clause B2 Durability Second edition (Amendment 12), 28 November 2019
3. C/AS1 C/VM1 Protection from fire Amendment 3, July 2014
4. C/AS2 Acceptable Solution for Buildings other than Risk Group SH for New Zealand Building Code Clauses C1-C6 Protection from Fire 1st edition 2019
5. 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 9), 3 November 2019
6. Acceptable Solutions and Verification Methods for New Zealand Building Code Clause F2 Hazardous building materials First edition (Amendment 3), 1 January 2017
7. NZS 2295 2295:2006 Pliable, permeable building underlays
8. SCION Report QT8222VHPM "Evaluation of Roof VHP Maxi to NZS 2295", July 2020
9. SCION Report QT8222VHPS "Evaluation of Roof VHP Strong to NZS 2295", July 2020
10. SCION Report QT8222VHPU "Evaluation of Roof VHP Ultra to NZS 2295", July 2020
11. L H Boulton Report 201265 "Assessment of Masons Roofing Underlays for Buildings", 21 October 2020
12. SCION Report 44237709 "Evaluation of SP125 to NZS 2295", October 2021
13. SCION Report 44237755 "Evaluation of SP160 to NZS 2295", October 2021
14. SCION Report 44237755 "Evaluation of SP180 to NZS 2295", October 2021
15. SCION Report 44203745 "Evaluation of SP140 to NZS 2295", October 2021
16. SCION Report 44203771 "Evaluation of SP220 to NZS 2295", October 2021
17. NZWTA Test Report No. 1374734.0 Flammability of white/white synthetic building underlay SP180 AS 1530.2:1993 Methods for Fire Tests on Building Materials, components and Structures, Part 2: Test for Flammability of Materials, 1 June 2021
18. NZWTA Test Report No. 1381187.2 Flammability of white synthetic building underlay SP220 AS 1530.2:1993 Methods for Fire Tests on Building Materials, components and Structures, Part 2: Test for Flammability of Materials, 27 July 2021
19. NZWTA Test Report No. 1381184.9 Flammability of white synthetic building underlay SP140 AS 1530.2:1993 Methods for Fire Tests on Building Materials, components and Structures, Part 2: Test for Flammability of Materials, 23 July 2021
20. NZWTA Test Report No. 1381183.1 Flammability of white synthetic building underlay SP125 AS 1530.2:1993 Methods for Fire Tests on Building Materials, components and Structures, Part 2: Test for Flammability of Materials, 23 July 2021
21. NZWTA Test Report No. 1381185.6 Flammability of white synthetic building underlay SP160 AS 1530.2:1993 Methods for Fire Tests on Building Materials, components and Structures, Part 2: Test for Flammability of Materials, 22 July 2021
22. MASONS Roof Underlay Installation Instructions Version 2.0 August 2023



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10. Supporting Information About Description (Optional)

Any supporting information for section 3.

- VHP Value underlay is a 125 gsm tri-laminated sheet consisting of two outer non-woven layers (top layer grey, bottom layer white) and a middle synthetic membrane. The sheet is 1.25 m or 1.5m wide and is labelled VHP Value Roof Underlay.
- VHP Strong underlay is a 140 gsm tri-laminate sheet consisting of a light grey non-woven top layer with black printing, a white non-woven back layer and a dark grey synthetic membrane centre layer. Both sides of the underlay sheet have an embossed pattern. The sheet is 1.25 m or 1.45 m wide and is labelled VHP Strong Roof Underlay.
- VHP Ultra underlay is a 180 gsm tri-laminate sheet consisting of two outer non-woven layers which are light grey and white and a middle synthetic membrane which is dark grey. Both sides of the sheet have a fine embossing pattern. The sheet is 1.25m or 1.45 m wide and is labelled VHP Ultra Roof Underlay.
- VHP Maxi underlay is a 220 gsm tri-laminated sheet consisting of two outer non-woven layers which are light grey and white and a middle synthetic membrane which is dark grey. Both sides of the sheet have a fine embossing pattern. The sheet is 1.25 m or 1.45 m wide and is labelled VHP Maxi Roof Underlay.

The CodeMark Mark of Conformity is printed on the packaging label of each product covered by this certificate.

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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