



CERTIFICATE NO: CM70098
Date of issue: 4 February 2021

PRODUCT CERTIFICATE

Masons Roof Underlays – VHP Strong, VHP Ultra, VHP Maxi, UNI FR



**BUREAU
VERITAS**

KEY INFORMATION

1 CERTIFICATE HOLDER DETAILS

MASONS 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
3/435 Williamstown Road
Port Melbourne VIC 3207
Australia

Ph: 1800 855 190
www.bureauveritas.com.au

Bureau Veritas Australia Pty Ltd

The complaints process for this certificate
can be found here:
www.bureauveritas.com.au/your-feedback

3 SUMMARY OF DESCRIPTION OF BUILDING METHOD OR PRODUCT

Masons roof underlays are manufactured from synthetic multi-laminate spun-bonded, non-woven polypropylene membranes. This certificate covers the following products:

- VHP Strong (140 gsm)
- VHP Ultra (180 gsm)
- VHP Maxi (220 gsm)
- UNI FR (180 gsm)

*Continuation of description can be found in item 9. Supporting Information about Description of Building Product or Method.
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.*

4 SUMMARY OF INTENDED USE OF BUILDING METHOD OR PRODUCT

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

Continuation of intended use can be found in item 8. Supporting Information about Intended use of Building Product or Method.

5 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).

B2 Durability: B2.3.1(a), B2.3.2
C3 Fire affecting areas beyond the fire source: C3.4(c)
E2 External moisture: E2.3.1; E2.3.2 (Contributes to)
F2 Hazardous building materials: F2.3.1

How the building method or product complies or contributes can be found in item 12. Basis for Certification. Any qualifications on the extent of that compliance can be found in item 6. Conditions and limitations of use.



This certificate is issued by an independent certification body accredited by JAS-ANZ, the product certification accreditation body appointed by the Chief Executive of the Ministry of Business, Innovation and Employment under the Building Act 2004. The Ministry does not in any way warrant, guarantee, or represent that the building method or product that is the subject of this certificate conforms with the New Zealand Building Code, nor accept any liability arising out of the use of the building method or product. The Ministry disclaims to the extent permitted by law, all liability (including negligence) for claims of losses, expenses, damages, and costs arising as a result of the use of the building method(s) or product(s) referred to in this certificate.

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6 CONDITIONS AND LIMITATIONS OF USE

- Masons Roof Underlays are certified for use as a roof underlay and air barrier:
 - on buildings situated in wind zones up to and including Extra High (as set out in NZS3604) with a minimum roof pitch of 3°,
 - under masonry or metal tile and profiled metal roof claddings,
 - in all locations including where it is exposed to view.
- Masons Roof Underlay shall be:
 - installed in accordance with Masons Roof Underlay Installation Instructions Version 1.0, Jan 2021, and
 - 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
 - protected from direct sunlight within 21 days of installation (30 days for UNI FR).

NOTE: Together, items 3, 4, 5 and 6 define scope of use.

7 HEALTH AND SAFETY INFORMATION

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 SIGNATURES

Sam Guindi
Product Certification Manager

For and on behalf of
Bureau Veritas Australia Pty Ltd

Trent Mason
Director

For and on behalf of
MASON'S Plastabrick Ltd



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SCHEDULE: INFORMATION THAT SUPPORTS KEY INFORMATION

9 SUPPORTING INFORMATION ABOUT DESCRIPTION

- VHP Strong underlay is a 140 gsm tri-laminate sheet consisting of a white 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 1.45m 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 white and a middle synthetic membrane which is dark grey. Both sides of the sheet have a fine embossing pattern. The sheet is 1.45m 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 white and a middle synthetic membrane which is dark grey. Both sides of the sheet have a fine embossing pattern. The sheet is 1.45m wide and is labelled VHP Maxi Roof Underlay.
- UNI FR underlay is a 180 gsm tri-laminated sheet consisting of a blue non-woven top layer with black printing, a black non-woven back layer and a synthetic membrane centre layer. The sheet is 1.45m wide and is labelled as UNI FR.

10 SUPPORTING INFORMATION ABOUT INTENDED USE

Further details regarding the use of the product can be found in Masons Roof Underlay Installation Instructions Version 1.0, Jan 2021

11 SUPPORTING INFORMATION ABOUT CONDITIONS AND LIMITATIONS OF USE

N/A



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12 BASIS FOR CERTIFICATION

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; MRM Code of Practice
F2 Hazardous building materials - By comparison with Building Code performance clause F2.3.1

13 SUPPORTING DOCUMENTATION FOR CERTIFICATION

1. Acceptable Solutions and Verification Methods For New Zealand Building Code Clause B2 Durability (Amendment 12), 28 November 2019
2. C/AS1 VM1 Protection from fire Amendment 3
3. C/AS2 Acceptable Solution for Buildings other than Risk Group SH for New Zealand Building Code Clauses C1-C6 Protection from Fire, 1st edition, 27 June 2019
4. Acceptable Solutions and Verification Methods For New Zealand Building Code Clause E2 External moisture 3rd edition (Amendment 9), 27 June 2019
5. Acceptable Solutions and Verification Methods For New Zealand Building Code Clause F2 Hazardous Building Materials (Amendment 3), 1 January 2017
6. SCION Report QT8080A "Evaluation of Uni FR FAB to NZS 2295", February 2020
7. SCION Report QT8222VHPM "Evaluation of Roof VHP Maxi to NZS 2295", July 2020
8. SCION Report QT8222VHPS "Evaluation of Roof VHP Strong to NZS 2295", July 2020
9. SCION Report QT8222VHPU "Evaluation of Roof VHP Ultra to NZS 2295", July 2020
10. L H Boulton Report 201265 "Assessment of Masons Roofing Underlays for Buildings", 21 October 2020
11. NZS 2295 2295:2006 Pliable, permeable building underlays
12. NZ Metal Roof and Wall Cladding Code of Practice version 3.0
13. Masons Roof Underlay Installation Instructions Version 1.0, Jan 2021



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14 CONDITIONS RELATING TO NOTIFICATION

- (a) the certificate holder notifies the product certification body (Bureau Veritas) in writing of any intended change to any of the following particulars:
- (i) the name, address, or contact details of the certificate holder;
 - (ii) any address of a location where a certified product is produced or manufactured;
- (b) the certificate holder notifies the product certification body (Bureau Veritas) in writing of any intended change, modification, or alteration to any of the following:
- (i) the certified building method or product;
 - (ii) the method of its production or manufacture;
 - (iii) the product quality plan prepared in respect of the certified building method or product;
 - (iv) the application or installation instructions for the certified building method or product;
 - (v) any documentation relating to the use and maintenance of the certified building method or product;
- (c) if the certificate holder has any reason to suspect that the certified building method or product does not comply with the Building Code, the certificate holder notifies the product certification body (Bureau Veritas) in writing of the reason for that suspicion:
- (d) if the certificate holder or the product certification body (Bureau Veritas) finds that a certified building method or product that has been released on the market does not comply with the Building Code, the certificate holder discloses that fact in disclosure statements published in a form that is acceptable to the product certification body and to the chief executive:
- (e) if the certificate is suspended or revoked, the certificate holder—
- (i) notifies all customers to whom the building method or product is regularly supplied; and
 - (ii) immediately ceases using the certificate, the mark of conformity, and any reference to the number of the certificate.

