



CERTIFICATE NO: CM70117
Date of issue: 25 November 2021

PRODUCT CERTIFICATE

Masons UNI® PRO Flexible Air Barrier



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 UNI® PRO Flexible Air Barrier is a tri-laminate synthetic sheet consisting of two outer non-woven layers - a blue front face and a white rear face - and a middle synthetic membrane which is dark grey. Both sides of the sheet have a fine embossing pattern. The sheet is 2.74 metres wide and marked "UNI® PRO Flexible Air Barrier".

*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 UNI® PRO Flexible Air Barrier is a wall underlay and flexible air barrier, and is suitable for use as temporary weather protection to allow interior works to continue inside the building without the exterior wall cladding being fully in place for up to 150 days.

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
E2 External moisture: E2.3.2 (contributes to), E2.3.5 (contributes to), E2.3.7
F2 Hazardous building materials: F2.3.1
H1 Energy efficiency: H1.3.1(b) (contributes to)

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.

This certificate may only be reproduced in its entirety. It is advised to check that this certificate is currently valid and not withdrawn or suspended by referring to the Register of Product Certificates on the Building Performance website <http://www.building.govt.nz>.
CERTIFICATE V1.3

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6 CONDITIONS AND LIMITATIONS OF USE

1. Masons UNI® PRO Flexible Air Barrier is certified for use as a wall underlay and air barrier on buildings:
 - a) within the scope limitations of:
 - i. NZBC Acceptable Solution E2/AS1, Paragraph 1.1 with regards to building height and floor plan area for timber-framed construction; or
 - ii. NZBC Acceptable Solution E2/AS4 with regards to building height and floor plan area for light-steel framed construction, and
 - b) situated in wind zones (as defined in NZS 3604:2011) up to and including 'Extra High', provided stud and fixing centres are no greater than specified in the Masons UNI® PRO Flexible Air Barrier Design and Installation Guide V1.0, November 2021, and
 - c) with absorbent or non-absorbent wall claddings directly fixed to the frame; or installed over an 18mm minimum drained cavity; or with masonry veneer, in accordance with NZBC Acceptable Solution E2/AS1 for timber framed buildings or NZBC Acceptable Solution E2/AS4 for steel framed buildings, and
 - d) where the underlay is not exposed to view in an occupied space.
2. Masons UNI® PRO Flexible Air Barrier shall be:
 - a) installed in accordance with the MASONS UNI® PRO Flexible Air Barrier Design and Installation Guide V1.0, November 2021, and
 - b) separated from fireplaces, heating appliances, flues and chimneys in accordance with the requirements of NZBC Acceptable Solutions C/AS1 and C/AS2, Paragraph 7.5.9 for the protection of combustible materials, and
 - c) protected from sunlight within 150 days
3. Contribution to compliance with Building Code clause H1.3.1(b) is conditional on:
 - a) the element incorporating UNI® PRO Flexible Air Barrier being part of the thermal envelope of the building, and
 - b) horizontal and vertical laps being securely taped.

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
MASONS Plastabrick Ltd



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SCHEDULE: INFORMATION THAT SUPPORTS KEY INFORMATION

9 SUPPORTING INFORMATION ABOUT DESCRIPTION

The following accessories are used with Masons UNI® PRO Flexible Air Barrier:

- UNI Seam Tape
- UNI Fasteners
- Masons 40 Below, 40 Below Platinum and 40 Below Flex flashing tapes
- Masons Corner Guards
- Penetration seals

10 SUPPORTING INFORMATION ABOUT INTENDED USE

Further details regarding the use of the product can be found in Masons UNI® PRO Flexible Air Barrier Design and Installation Guide V1.0, November 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 referenced standard NZS2295
- E2 External moisture - By testing and comparison with Acceptable Solution E2/AS1 and referenced standard NZS2295
- F2 Hazardous building materials - By comparison with requirements of performance requirements of Building Code clause F2.3.1
- H1 Energy efficiency - By testing and comparison with Acceptable Solution E2/AS1 and referenced standard NZS 2295

13 SUPPORTING DOCUMENTATION FOR CERTIFICATION

1. 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
2. NZS 2295:2006 Pliable, permeable building underlays
3. Scion Report No. 43743986 [J48921 / QT9004] Roof VHP Maxi Testing to NZS2295, September 2021
4. Masons Plastabrick Material Safety Datasheet V1.0, September 2021
5. ProConsult Report Reference 13038 HP Ultra wall underlay system compliance with NZBC B1 Structure (including fixing recommendations), 22 March 20
6. L H Bolton Report 201265 Assessment of Masons Roofing Underlays for Buildings, 21 October 2020
7. Masons UNI® PRO Flexible Air Barrier Design and Installation Guide V1.0, November 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.