



CERTIFICATE NO: CM70073
Date of issue: 20 August 2020

PRODUCT CERTIFICATE

UNI FR



BUREAU
VERITAS

KEY INFORMATION

1 CERTIFICATE HOLDER DETAILS

MASONS Plastabrick Ltd
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Silverdale, Auckland 0932, New Zealand

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www.mpb.co.nz



2 PRODUCT CERTIFICATION BODY

Bureau Veritas Australia Pty Ltd
3/435 Williamstown Road
Port Melbourne VIC 3207
Australia

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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

UNI FR is a non-woven, water resistant, flammability-rated, breathable 180 gsm synthetic wall underlay. UNI fasteners, UNI Seam Tape and Masons 40 Below flashing tape are specified for use with UNI FR.

*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

UNI FR is a wall underlay and flexible air barrier for timber and light-steel framed buildings that also provides a temporary weather barrier to allow interior works to continue inside the building for up to 90 days without the exterior cladding fully in place.

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 (a)
C3 Fire affecting areas beyond the fire source - C3.4(c)
E2 External moisture - E2.3.2, E2.3.7 (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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CERTIFICATE V1.3



PRODUCT CERTIFICATE

UNI FR



6 CONDITIONS AND LIMITATIONS OF USE

- UNI FR shall only be used:
 - on timber framed and steel framed buildings within the scope limitations of NZBC Acceptable Solution E2/AS1, Paragraph 1.1 with regards to building height and floor plan area; and situated in NZS 3604:2011 wind zones up to and including 'Extra High'
 - with absorbent and 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; and with masonry veneer in accordance with NZBC Acceptable Solution E2/AS1 for timber framed buildings or by specific design for steel framed buildings
- UNI FR shall only be:
 - installed in accordance with E2/AS1, Clauses 9.1.5 and 9.1.7 and with the UNI Flexible Air Barrier System Installation Instructions March 2020
 - fixed with UNI fasteners for wind zones up to and including Very High, and fixed with battens over UNI FR when used in extra high wind zone
 - protected from sunlight within 90 days

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. Refer to section 12 for specific detail of compliance with the performance requirements of clauses F1 to F9 of the Building code.

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

UNI FR is available in 2.74m wide rolls. It is also available in 0.6m wide rolls.

10 SUPPORTING INFORMATION ABOUT INTENDED USE

Further details regarding the use of the product can be found in the UNI & UNI FR Flexible Air Barrier Installation Instructions March 2020.

11 SUPPORTING INFORMATION ABOUT CONDITIONS AND LIMITATIONS OF USE

- UNI FR has an AS 1530.2-1993 flammability index of not greater than 5 and therefore meets the requirements of NZBC Acceptable solutions C/AS2, paragraph 4.17.8 (b) for use in all situations (including situations exposed to view).
- In cavity installations where stud spacing is greater than 450mm and flexible underlays only are used, an intermediate means of restraining the underlay and insulation from bulging into the drained cavity must be installed as required by E2/AS1 9.1.8.5.



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CERTIFICATE V1.3

12 BASIS FOR CERTIFICATION

- B2 Durability - By testing and comparison with Acceptable Solution E2/AS1 and referenced standard NZS 2295:2006 Pliable, permeable building underlays
- C3 Fire affecting areas beyond the fire source - By testing and comparison with Building Code performance requirement
- E2 External moisture - By testing and comparison with Acceptable Solution E2/AS1 and referenced standard NZS 2295:2006 Pliable, permeable building underlays
- F2 Hazardous building materials - By analysis and comparison with the Building Code performance requirement 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. Acceptable Solutions and Verification Methods For New Zealand Building Code Clause E2 External moisture 3rd edition (Amendment 9), 27 June 2019
3. Scion Report QT8080A Evaluation of UNI FR FAB to NZS 2295, April 2020
4. NZWTA Report No. 1303323.8 AS1530.2-1993 Methods for Fire Test on Building Materials, Components and Structures Part 2: Test for Flammability of Materials, 30 October 2019
5. UNI FR Installation Instructions March 2020

14 CONDITIONS RELATING TO NOTIFICATION

- (a) the certificate holder notifies the product certification body 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 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 in writing of the reason for that suspicion:
- (d) if the certificate holder or the product certification body 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.