



CERTIFICATE NO: CM70072
Date of issue: 20 August 2020

PRODUCT CERTIFICATE

BARRICADE 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

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

Barricade FR is a flammability-rated synthetic breather-type flexible wall underlay and air barrier. It is manufactured from spun-bonded polypropylene and is coloured white. Masons Hydro or 40 Below flashing tapes are specified for use with Barricade 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

Barricade FR is an exterior wall underlay and air barrier for timber and light-steel framed buildings.

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 (contributes to), 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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6 CONDITIONS AND LIMITATIONS OF USE

1. Barricade 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 for timber-framed buildings or by specific design for steel-framed buildings.
2. Barricade FR shall be:
 - installed in accordance with E2/AS1, Clauses 9.1.5 & 9.1.7 and the instructions of the Barricade FR and Barricade Building Wrap Installation Instructions V2 2019;
 - protected from sunlight within 42 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

Barricade FR is available in 2.74m, 1.37m and 0.6m wide rolls.

10 SUPPORTING INFORMATION ABOUT INTENDED USE

Further details regarding the use of the product can be found in Barricade FR and Barricade Building Wrap Installation Instructions V2 2019.

11 SUPPORTING INFORMATION ABOUT CONDITIONS AND LIMITATIONS OF USE

- Barricade FR Building Wrap 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 shall be installed as required by E2/AS1 9.1.8.5.



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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

- Acceptable Solutions and Verification Methods For New Zealand Building Code Clause B2 Durability (Amendment 12), 28 November 2019
- Acceptable Solutions and Verification Methods For New Zealand Building Code Clause E2 External moisture 3rd edition (Amendment 9), 27 June 2019
- Scion Report QT7881CL Evaluation of Corotop Light Building Underlay, August 2019
- Scion Report QT8223 Evaluation of MD100 to NZS2295, July 2020
- NZWTA Report No. 1275771.2 AS1530.2-1993 - Methods for Fire Tests on Building Materials, Components and Structure, Part 2: Test for Flammability of Materials, May 2019
- BBA Agrément Certificate 13/5025 Product Sheet 3 Corotop Breather Membranes for Use in Timberframe Construction, June 2019
- NZWTA Report No. 1309024.6 AS1530.2-1993 - Methods for Fire Tests on Building Materials, Components and Structure, Part 2: Test for Flammability of Materials, May 2019
- Barricade FR and Barricade Building Wrap Installation Instructions V2 2019

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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.