

Certificate no: CMNZ70072

Version: 4

Original issue date: 12 August 2020

Version date: 22 July 2024

1. Certificate Holder Details



Masons NZ 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

Masons Barricade FR



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

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 and is available in 2.74 m, 1.37 m and 0.6 m wide rolls. It is printed "Barricade FR" and "Weather exposure: max 60 days" on the front face, and optionally with a customer logo.

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]

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

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.

B2 Durability – B2.3.1(a), B2.3.2

C3 Fire affecting areas beyond the fire source - C3.4(c)

E2 External moisture - E2.3.2 (contributes to), E2.3.5 (contributes to), E2.3.6 (contributes to), E2.3.7

F2 Hazardous building materials - 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. Barricade FR is certified for use:
 - 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 in accordance with NZBC Acceptable Solution E2/AS4 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, or NASH Building Envelope Solutions: 2019 Light Steel Framed Buildings Clauses 9.1.5 & 9.1.7, and the Masons Barricade FR House Wrap Design and Installation Guide v1.0 June 2022
 - protected from sunlight within 60 days
 - used with Masons Hydro or 40 Below flashing tapes.

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. Refer to section 9 for specific detail of compliance with the performance requirements of clauses F1 to F9 of the Building code.

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 referenced standard NZS2295:2006

C3 Fire affecting areas beyond the fire source - By testing and comparison with Acceptable Solutions C/AS1 and C/AS2 and referenced Standard AS1530.2-1993

E2 External moisture - By testing and comparison with Acceptable Solutions E2/AS1 and E2/AS4, and referenced standard NZS2295:2006
Pliable, permeable building underlays and referenced NASH Building Envelope Solutions: 2019 Light Steel Framed Buildings

F2 Hazardous building materials - By analysis and comparison with the Building Code performance requirement 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. Acceptable Solutions and Verification Methods for New Zealand Building Code Clause B2 Durability Second edition (Amendment 12), 28 November 2019.
2. C1 - C6 Protection from Fire Acceptable Solution C/AS1 Protection from fire for buildings with sleeping (residential) and outbuildings (risk group SH) Second Edition, 2 November 2023.
3. C/AS2 Acceptable Solution for Buildings other than Risk Group SH for New Zealand Building Code Clauses C1-C6 Protection from Fire First edition (Amendment 3), 2 November 2023.
4. Acceptable Solution E2 External Moisture E2/AS4 First edition, 28 November 2019.
5. E2 External Moisture, Verification Method E2/VM2, Cladding systems for buildings up to 25 m in height – including junctions with windows, door and other penetrations, Second edition, 29 November 2021.
6. NZS 2295:2006 Pliable, permeable building underlays.
7. AS1530.2:1993 Methods for fire tests on building materials, components and structures.
8. NASH Building Envelope Solutions: 2019 Light Steel Framed Buildings.
9. NZWTA Report No. 13474737.3 AS1530.2-1993 - Methods for Fire Tests on Building Materials, Components and Structure, Part 2: Test for Flammability of Materials May 2019 "White synthetic building underlay - SP100, 100 gsm", 3 June 2021.
10. Scion Report No 44203715 EVALUATION OF SP100 TO NZS 2295 October 2021.
11. Masons Barricade FR House Wrap Design and Installation Guide v1.0 June 2022.

10. Supporting Information About Description (Optional)

Any supporting information for section 3.

N/A

11. Supporting Information About Intended Use (Optional)

Any supporting information for section 4.

Masons Barricade FR House Wrap Design and Installation Guide v1.0 June 2022



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12. Supporting Information About Conditions and Limitations of Use (Optional)

Any supporting information for section 6.

1. 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).
2. 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.

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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