

Certificate no: CMNZ70142

Version: 0

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1. Certificate Holder Details



MASONS Plastabrick Ltd

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2. Product Certification Body

Bureau Veritas Australia Pty Ltd

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Melbourne VIC 3000 Australia

product.certification@bureauveritas.com

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



Product Certificate

MASONS Plastabrick Ltd

Barricade WD Self-Adhesive Weather-Resistive Barrier

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

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 WD Self-Adhesive Weather-Resistive Barrier is a heavy-duty, tri-laminate non-woven polypropylene wrap coated with polyacrylic pressure-sensitive self-adhesive and backing release film. It is supplied in 50m² rolls (1.46m x 31.14m).

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.

Barricade WD Self-Adhesive Weather-Resistive Barrier is a self-adhesive building wrap for application to rigid substrates to form a weather-resistive barrier that excludes air and water, whilst allowing water vapour to pass. It does not require Z flashings or tape at joints.

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). eg Clause B2 – DURABILITY Performance B2.3.1

How the building method or product complies or contributes can be found in item 9. 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)

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

H1 Energy efficiency: H1.3.1(b) (contributes to)



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Product Certificate

MASONS Plastabrick Ltd – Barricade WD Self-Adhesive Weather-Resistive Barrier



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.

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

1. Masons Barricade WD Self-Adhesive Weather-Resistive Barrier is certified for use with buildings:
 - a) designed and constructed to:
 - i) NZS3604 and located in wind zones up to and including Extra High (as defined in NZS3604) or
 - ii) NZS3603 and AS/NZS 1170 with a maximum wind design pressure (ULS) limited by the capacity of the substrate to which Masons Barricade WD is applied, and
 - b) with the following claddings:
 - i) absorbent or non-absorbent wall claddings directly fixed, or
 - ii) absorbent or non-absorbent wall claddings installed over a nominal 20 mm or more drained cavity, or
 - iii) masonry veneer in accordance with NZBC Acceptable Solution E2/AS1, and
 - c) located in any exposure zone except microclimates (as defined in NZS3604), and
 - d) applied to the following substrates: plywood, fibre cement sheet, timber, OSB board, smooth dense EPS and XPS board
2. Masons Barricade WD Self-Adhesive Weather-Resistive Barrier shall:
 - a) be installed in accordance with the Masons Barricade WD Installation Guide V1.0 August 2022, and
 - b) not be exposed to the weather or direct sunlight for more than 150 days during construction.
3. Contribution to compliance with Building Code clause H1.3.1(b) is conditional on the element incorporating Masons Barricade WD being part of the thermal envelope of the building.

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.



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8. Signatures

Name and Signature of the Product Certification Body's (PCB) authorised representative and, where different, the person assigned by the PCB to make the certification decision.

Sam Guindi
Product Certification Manager

For and on behalf of
Bureau Veritas Australia Pty Ltd

9. 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 Solutions B2/AS1 and E2/AS1 and referenced Standard NZS2295:2006
E2 External moisture - By testing and comparison with Acceptable Solution E2/AS1 and referenced Standard NZS2295:2006
F2 Hazardous building materials - By comparison with the performance requirements of clause F2.3.1
H1 Energy efficiency - By testing and comparison with Acceptable Solution E2/AS1



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10. 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. 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
3. NZS3604:2011 Timber framed buildings
4. NZS2295:2006 Pliable, permeable building underlays
5. SCION Report No. 45651642 Moisture Vapour Properties of Seven Self-adhesive Underlays, February 2022
6. SCION Report No. 43743986 ROOF VHP MAXI Testing to NZS 2295, September 2021
7. PRI Construction Materials Technologies Test Project 2309T0006 27, AAMA 711 Section 5.3 Peel Adhesion on Barricade WD Self-adhered Membrane, May 2022
8. L H Boulton Report 201265 "Assessment of Masons Roofing Underlays for Buildings", 21 October 2020
9. Masons Barricade WD Installation Guide V1.0, August 2022.

11. Supporting Information About Description (Optional)

Any supporting information for section 3.

N/A

12. Supporting Information About Intended Use (Optional)

Any supporting information for section 4.

N/A

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

Any supporting information for section 6.

N/A



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