

Certificate no: CMNZ70162

Version: 0

Original issue date: 23 October 2024

Version date: 23 October 2024

1. Certificate Holder Details



Upcycled Building Materials Ltd
saveBOARD

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

Sam Guindi – Bureau Veritas Product Certification Manager



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Product Certificate

saveBOARD betterBRACE Rigid Air 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. 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

saveBOARD betterBRACE is a semi-vapour permeable rigid air barrier designed for use with timber framing. It is finished with a moisture-resistant fibreglass facer on one side and a paper facing on the interior side.

saveBOARD betterBRACE is 1200 mm in width and 10 mm thick, and three lengths: 2450 mm, 2750 mm and 3000 mm.

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]

saveBOARD betterBRACE is a rigid air barrier and wall bracing element designed for use with timber framing.

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.

Clause B1 Structure: Performance Clauses B1.3.1, B1.3.2, B1.3.3 (b, f, h), B1.3.4

Clause B2 Durability: Performance Clauses B2.3.1(a), B2.3.2

Clause E2 External moisture: Performance Clauses E2.3.2 (contributes to), E2.3.5 (contributes to), E2.3.6 (contributes to), E2.3.7

Clause F2 Hazardous building materials: Performance Clauses F2.3.1

Clause H1 Energy efficiency: Performance Clauses H1.3.1 (b) (contributes to)



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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. saveBOARD betterBRACE 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) of 2.5 kPa, or
 - iii. in existing buildings where the existing structure is equivalent to i. or ii. as above, and
 - b. located in Exposure zones B, C and D (as defined in NZS3604:2011 section 4.2), except microclimates, and
 - c. Located in:
 - i. Climate Zones 1, 2 and 3 where the internal lining is plasterboard, or
 - ii. Any Climate Zone where the indoor environment is controlled between 18C and 24C and the relative humidity maximum 65% rh, and
 - d. where the cladding system:
 - i. is not open-jointed, and
 - ii. incorporates an 18mm minimum drained cavity.
2. saveBOARD betterBRACE shall:
 - a. be installed with all joints, openings and penetrations taped and sealed with a compatible flashing tape. If the betterBRACE is over fixed with a synthetic underlay (as in Condition #2(c)) the betterBRACE joints are not required to be taped and penetrations and openings may be sealed using compatible flashing tape with the underlay, and
 - b. be installed in accordance with the saveBOARD betterBRACE Installation Guide NZ October 2024 rev 1:5.1, and
 - c. not be directly exposed to the weather or ultraviolet light for more than 7 days during construction (It may be over-fixed with a synthetic wall underlay within this period).
3. The cladding system shall not be directly fixed to saveBOARD betterBRACE.

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. 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.

B1 Structure - By testing and comparison with Acceptable Solution B1/AS1 and referenced standard NZS3604:2011

B2 Durability - By testing and comparison with Verification Method B2/VM1

E2 External moisture - By analysis and comparison with Acceptable Solution E2/AS1 and referenced standard NZS2295

F2 Hazardous building materials - By comparison with the performance requirements of the Building Code clause F2.3.1.

H1 Energy efficiency - By analysis and comparison with Acceptable Solution E2/AS1

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. 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. Acceptable Solutions and Verification Methods for New Zealand Building Code Clause B1 Structure First edition (Amendment 21), 2 November 2023
4. NZS3604:2011 Timber framed buildings
5. NZS 2295 2295:2006 Pliable, permeable building underlays
6. BRANZ Structures Test Report ST16230-01-2 Bracing Testing of Three saveBOARD Systems for Kainga Ora, 15 July 2022
7. Safety Data Sheet, saveBOARD, Issued 30 May 2022
8. Scion P21 Test Report P21:2010 400 mm x 2.4m 10mm Saveboard RAB with Brackets, 13 September 2022
9. Scion P21 Test Report P21:2010 600 mm x 2.4m 10mm Saveboard RAB with Brackets, 13 September 2022
10. Scion P21 Test Report P21:2010 1200 mm x 2.4m 9.5mm RAB Saveboard with Brackets, 22 December 2021
11. Optimech Appraisal No. 24-077 Durability Appraisal betterBRACE rigid air barrier, 10 April 2024
12. CETEC Emission Test Certificate, saveBOARD Roofing Substrate/RAB Board, 26 August 2021
13. SCION Report Bending stiffness and strength tests on 12mm saveBOARD, August 2021
14. SCION Test Report Evaluation of 10mm saveBOARD to Acceptable Solution E2/AS1 Table 23, March 2022
15. Scion Test Report No 88134937, Air Resistance of saveBOARD betterBRACE rigid air barrier, May 2024
16. saveBOARD betterBRACE Installation Guide NZ October 2024 rev 1:5.1



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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.

N/A

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

Any supporting information for section 6.

“Not open-jointed” means cladding that does not have jointed that allow rainwater to penetrate the cladding or expose the underlay or air barrier behind the cladding or expose the underlay or air barrier behind the cladding to UV.

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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