

Certificate no: CMNZ70035

Version: 4

Original issue date: 18 July 2019

Version date: 22 October 2024

## 1. Certificate Holder Details



**IBS Building Products**  
Independent Building Supplies Ltd  
3 Zelanian Drive, East Tamaki, 2013,  
Auckland, New Zealand  
info@ibs.co.nz  
Ph: 0800 367 759  
www.ibs.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](http://www.bureauveritas.com.au/your-feedback)

Sam Guindi – Bureau Veritas Product Certification Manager



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# Product Certificate

## IBS RigidRAP®

### 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

IBS RigidRAP® is an 8mm OSB panel product faced with a laminated synthetic building wrap.

### 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]

IBS RigidRAP® is a rigid air barrier and bracing element and provides temporary protection from the weather during construction. It is suitable for use on new and existing timber framed buildings founded on either a concrete floor slab or timber subfloor. When all joints are sealed with a flashing tape, no flexible wall underlay is required.

### 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.

**B1 Structure:** B1.3.1, B1.3.2, B1.3.3(a, b, f, h), B1.3.4

**B2 Durability:** B2.3.1(a), B2.3.2

**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. IBS RigidRAP® 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 specifier and installer have assured themselves that the existing structure is adequate for the intended use; and
  - b) where the cladding system incorporates a ventilated cavity and wall cladding that complies with E2/AS1 or a Product Certificate (CodeMark) where its use complies the conditions of that Certificate.
2. IBS RigidRAP shall:
  - a) be installed in accordance with the manufacturer's installation guide IBS RigidRAP® Installation Guide, April 2024, (and only with the flashing tapes specified in the installation guide), and
  - b) not be exposed to the weather or ultraviolet light for more than 90 days during construction.

## 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.

## 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 Acceptable Solution B2/AS1 and Acceptable Solution E2/AS1

E2 External moisture - By testing and comparison with Acceptable Solution E2/AS1

F2 Hazardous building materials - By comparison with the performance requirements of Building Code clause 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 B1 Structure First edition (Amendment 21), 2 November 2023
2. Acceptable Solutions and Verification Methods for New Zealand Building Code Clause B2 Durability Second edition (Amendment 12), 28 November 2019
3. 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
4. Acceptable Solutions and Verification Methods for New Zealand Building Code Clause F2 Hazardous building materials First edition (Amendment 3), 1 January 2017
5. NZS3604:2011 Timber framed buildings
6. AS/NZS1170:2002 Structural Design Actions
7. NZS3603:1993 Timber Structures Standard
8. HFB Engineering GMBH, Certification Report, Certification of Factory and Factory Production Control (FPC), Wood-based panels for use in construction – Characteristics, evaluation of conformity and marking EN13986:2004+ A1:2015, OSB, January 30<sup>th</sup> 2024
9. Swiss Krono TEX GmbH & Co Declaration of Performance SKDE\_OSB-3\_CPR 2022 057 Swiss Krono OSB/3 EN300, 12.10.2022
10. SWISS KRONO, SWISS KRONO OSB/3 EN300, SWISS KRONO OSB/4 EN300, Dimensioning Reference Tables, 07.21
11. SWISS KRONO, MATERIAL SAFETY DATA SHEET, SWISS KRONO OSB, Thickness range between 6 and 40 mm, 21.06.2002
12. SCION Report Resistance to Water Penetration, May 2019
13. BBA Agrément Certificate 13/5026 Ventia Breathable Membranes for Use in Timber-Frame Constructions 18 March 2017
14. BRANZ Appraisal No. 939 (2017) Watertight Wall Underlay
15. SCION P21 Test on 8mm OSB 1200 x 2.4m walls, 29 May 2019
16. SCION P21 Test on 6.3mm OS' Brace 1200 x 2.4m wall, 9 May 2014
17. CSIRO Manufacturing and Infrastructure Technology Confidential Report CMI (C) 2003-113, June 2003
18. AWTA Test Report 21-004683 IBS RigidRAP 8mm rigid sheathing with Permeable Membrane, 20 September 2021
19. IBS RigidRAP® Installation Guide, April 2024.



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## 10. Supporting Information About Description (Optional)

Any supporting information for section 3.

IBS RigidRAP® is 8mm thick and supplied in the following panel sizes:

- 2440 mm x 1196 mm x 18 mm
- 2745 mm x 1196 mm x 18 mm
- 3050 mm x 1196 mm x 18 mm

Fixings

- 30 mm x 2.5 mm galv clouds
- GIB Handibrac®

## 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.

N/A

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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