

Certificate no: CMNZ70091

Version: 3

Original issue date: 29 October 2020

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

# Product Certificate

## IBS RigidRAP®-XT



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## 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®-XT is an 8mm OSB panel product faced with a laminated synthetic building wrap and with 10mm lightweight rigid foam on the rear of the panel.

## 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®-XT is a rigid air barrier and bracing element and provides temporary protection from the weather during construction. It contributes thermal resistance to the wall and incorporates a thermal break for use with light steel framing. It is suitable for use on new and existing steel framed or 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

**E3 Internal moisture:** E3.3.1 (contributes to)

**F2 Hazardous building materials:** F2.3.1

**H1 Energy efficiency:** H1.3.1 (contributes to), H1.3.2E (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. IBS RigidRAP®-XT is certified for use with buildings:
  - a. designed and constructed to:
    - i. NASH Standard Part Two and located in wind zones up to and including Extra High (as defined in NASH Standard Part Two:), or
    - ii. NZS3404 and AS/NZS 1170 with a maximum wind design pressure (ULS) of 2.5 kPa, or
    - iii. NZS3604:2011 and located in wind zones up to and including Extra High (as defined in NZS3604) or
    - iv. NZS3603:1993 and AS/NZS 1170 with a maximum wind design pressure (ULS) of 2.5 kPa or
    - v. 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 Acceptable Solutions E2/AS1 or, E2/AS4 or a Product Certificate (CodeMark) where its use complies the conditions of that Certificate.
2. IBS RigidRAP®-XT shall:
  - a. be installed in accordance with the manufacturer's installation guide IBS RigidRAP®-XT Installation Guide, April 2024 for steel framing or IBS RigidRAP® Installation Guide, April 2024 for timber framing, (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.



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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 NASH Standard Part Two: May 2019

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

E3 Internal moisture - By analysis and comparison with Acceptable Solution E3/AS1

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

H1 Energy efficiency - By testing and comparison with Acceptable Solution H1/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 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 E3 Internal Moisture 2nd edition (Amendment 7), 5 November 2020
5. Acceptable Solutions and Verification Methods for New Zealand Building Code Clause F2 Hazardous building materials First edition (Amendment 3), 1 January 2017
6. H1 Energy Efficiency, Acceptable Solution H1/AS1, Energy efficiency for all housing, and buildings up to 300 m<sup>2</sup>, Fifth edition Amendment 1, 4 August 2022
7. NZS3604:2011 Timber framed buildings
8. NZS3603:1993 Timber Structures Standard
9. NZS 3404.1:1997 Steel structures Standard - Part 1: Steel Structures Standard
10. NASH Standard Part 2: 2019 Light Steel Framed Buildings
11. 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
12. SWISS KRONO, SWISS KRONO OSB/3 EN300, SWISS KRONO OSB/4 EN300, Dimensioning Reference Tables, 07.21
13. SWISS KRONO, MATERIAL SAFETY DATA SHEET, SWISS KRONO OSB, Thickness range between 6 and 40 mm, 21 June 2002
14. Swiss Krono TEX GmbH & Co Declaration of Performance SKDE\_OS3\_CPR 2022 057 Swiss Krono OSB/3 EN300, 12.10.2022



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15. SCION Test P21:2010 Steel + OSB RigidRAP-XT 18 Nailed - 600 mm Wall with Brackets, 18 May 2020
16. SCION Test P21:2010 Steel + OSB RigidRAP-XT 18 Nailed - 1200 mm Wall with Brackets, 18 May 2020
17. SCION Test P21:2010 Steel + OSB RigidRAP-XT 18 Screwed - 600 mm Wall with Brackets, 18 May 2020
18. SCION Test P21:2010 Steel + OSB RigidRAP-XT 18 Screwed - 1200 mm Wall with Brackets, 18 May 2020
19. BRANZ Report TP1856/DU01/02 Thermal Resistance of an Insulation Sample, 31 March 2010
20. BRANZ Test Report, Report on Testing of an EPS Sample to AS2498.5, DC20129-01, 25 September 2024
21. BRANZ Test Report, DI6593-01, Thermal Testing of Koolfoam Expanded Polystyrene Black Pearl 50 mm, 8 November 2022
22. BRANZ Appraisal No. 1137 (2020) Amended 27 January 2021 VENTIA IRON WALL UNDERLAY
23. BBA Agrément Certificate 13/5026 Product Sheet 1 Ventia Breathable Membranes for use in Warm Nonventilated and Cold Ventilated Roofs, 8 March 2017
24. BBA Agrément Certificate 13/5026 Product Sheet 2 Ventia Breathable Membranes for use in Cold Nonventilated Ventilated Roofs, 8 March 2017
25. BBA Agrément Certificate 13/5026 Product Sheet 3 Ventia Breathable Membranes for use in Timberframe Construction, 8 March 2017
26. Swiss Krono TEX GmbH & Co MSDS Swiss Krono OSB Validation Date 01.06.2019
27. SCION P21 Test on 8mm OSB 1200 x 2.4m walls, 29 May 2019
28. SCION P21 Test on 6 mm OSB 1200 x 2.4m walls, 20 March 2013
29. CSIRO Manufacturing and Infrastructure Technology Confidential Report CMI (C) 2003-113, June 2003
30. CE Declaration of Performance DOP 734-01 Egger OSB 3. 7 November 2019
31. AWTA Test Report 21-004683 IBS RigidRAP® 8mm rigid sheathing with Permeable Membrane, 20 September 2021
32. SCION P21 Test 8 mm OSB3 with 10mm EPS under 1200mm Wall with Brackets, 20 April 2022
33. SCION P21 Test 8 mm OSB3 with 10mm EPS under 600mm Wall with Brackets, 20 April 2022
34. IBS RigidRAP®-XT Installation Guide, April 24
35. IBS RigidRAP® Installation Guide, April 24



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## 10. Supporting Information About Description (Optional)

Any supporting information for section 3.

IBS RigidRAP®-XT is 18mm thick and supplied in the following panel sizes:

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

Fixings

- 10g x 50mm Galv Csk Self Drilling Screws
- 38mm Versapin Gripshank Coil steel Nails
- 50 mm x 2.5 mm galv nails
- FRAMECAD® Holddown HDF-A1
- 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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