



# PRODUCT CERTIFICATE

## IBS RigidRAP®-XT



BUREAU  
VERITAS

CERTIFICATE NO: CM70091 Rev1

Date of issue: 22 June 2022

### KEY INFORMATION

**1 CERTIFICATE HOLDER DETAILS**

**IBS Building Products**  
Independent Building Supplies Ltd  
1/7 Fraser Road,  
Mt Wellington, Auckland 1072  
New Zealand

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Ph: 0800 367 759  
www.ibs.co.nz



**2 PRODUCT CERTIFICATION BODY**

**Bureau Veritas Australia Pty Ltd**  
3/435 Williamstown Road  
Port Melbourne VIC 3207  
Australia

Ph: 1800 855 190  
www.bureauveritas.com.au

**Bureau Veritas Australia Pty Ltd**

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

**3 SUMMARY OF DESCRIPTION OF BUILDING METHOD OR PRODUCT**

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.

*Continuation of description can be found in item 9. Supporting Information about Description of Building Product or Method.  
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.*

**4 SUMMARY OF INTENDED USE OF BUILDING METHOD OR PRODUCT**

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.

*Continuation of intended use can be found in item 8. Supporting Information about Intended use of Building Product or Method.*

**5 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).

**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)

*How the building method or product complies or contributes can be found in item 12. Basis for Certification. Any qualifications on the extent of that compliance can be found in item 6. Conditions and limitations of use.*



This certificate is issued by an independent certification body accredited by JAS-ANZ, the product certification accreditation body appointed by the Chief Executive of the Ministry of Business, Innovation and Employment under the Building Act 2004. The Ministry does not in any way warrant, guarantee, or represent that the building method or product that is the subject of this certificate conforms with the New Zealand Building Code, nor accept any liability arising out of the use of the building method or product. The Ministry disclaims to the extent permitted by law, all liability (including negligence) for claims of losses, expenses, damages, and costs arising as a result of the use of the building method(s) or product(s) referred to in this certificate.

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### 6 CONDITIONS AND LIMITATIONS OF USE

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 is covered by a current and relevant Product Certificate (CodeMark)
2. IBS RigidRAP®-XT shall:
  - a) be installed in accordance with the manufacturer's installation guide IBS RigidRAP®-XT Installation Guide (May 2022) for steel framing or IBS RigidRAP® Installation Guide, May 2022 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.

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

*Standards, Acceptable Solutions and Verification Methods are mentioned in a short format title, the full name and relevant version is listed in Section 13 Referenced Standards are as referenced with modifications by applicable Acceptable Solution or Verification Method*

### 7 HEALTH AND SAFETY INFORMATION

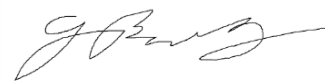
The compliance with any manufacturer's installation instructions, maintenance, OH & S statements, MSDS's and other Health and Safety declarations will provide the necessary Health and Safety Information pertaining to the product.

### 8 SIGNATURES



Sam Guindi  
Product Certification Manager

For and on behalf of  
Bureau Veritas Australia Pty Ltd



Jason Bardell  
Managing Director

For and on behalf of  
Independent Building Supplies Ltd



# PRODUCT CERTIFICATE

## IBS RigidRAP®-XT



### SCHEDULE: INFORMATION THAT SUPPORTS KEY INFORMATION

#### 9 SUPPORTING INFORMATION ABOUT DESCRIPTION

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®

#### 10 SUPPORTING INFORMATION ABOUT INTENDED USE

N/A

#### 11 SUPPORTING INFORMATION ABOUT CONDITIONS AND LIMITATIONS OF USE

N/A



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### 12 BASIS FOR CERTIFICATION

- 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

### 13 SUPPORTING DOCUMENTATION FOR CERTIFICATION

1. Acceptable Solutions and Verification Methods for New Zealand Building Code Clause B1 Structure First edition (Amendment 20), 29 November 2021
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 6), 1 January 2017
5. Acceptable Solutions and Verification Methods for New Zealand Building Code Clause F2 Hazardous building materials First edition (Amendment 3), 1 January 2017
6. Acceptable Solutions and Verification Methods for New Zealand Building Code Clause H1 Energy Efficiency Fourth edition (Amendment 4), 28 November 2019
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. Certificate of conformity of factory Production Control, CE No.1034-CPR-1291/2/2016, Oriented Strand Board Type OSB/3 according to EN300, Swiss Krono, HFB Engineering GmbH, June 2016
12. Declaration of Performance KDE\_OSB-3\_CPR\_2016\_039 Swiss Krono OSB/3 EN300, 2016
13. SCION Test P21:2010 Steel + OSB RigidRAP-XT 18 Nailed - 600 mm Wall with Brackets, 18 May 2020
14. SCION Test P21:2010 Steel + OSB RigidRAP-XT 18 Nailed - 1200 mm Wall with Brackets, 18 May 2020
15. SCION Test P21:2010 Steel + OSB RigidRAP-XT 18 Screwed - 600 mm Wall with Brackets, 18 May 2020
16. SCION Test P21:2010 Steel + OSB RigidRAP-XT 18 Screwed - 1200 mm Wall with Brackets, 18 May 2020
17. BRANZ Report TP1856/DU01/02 Thermal Resistance of an Insulation Sample, 31 March 2010
18. BBA Agrément Certificate 13/5026 Product Sheet 1 Ventia Breathable Membranes for use in Warm Nonventilated and Cold Ventilated Roofs, 8 March 2017
19. BBA Agrément Certificate 13/5026 Product Sheet 2 Ventia Breathable Membranes for use in Cold Nonventilated Ventilated Roofs, 8 March 2017
20. BBA Agrément Certificate 13/5026 Product Sheet 3 Ventia Breathable Membranes for use in Timberframe Construction, 8 March 2017
21. MDM Declaration of Performance No 16/2013 Ventia Iron to EN13859-1:2010; EN 13859-2:2010, 1 April 2016
22. Material Safety Data Sheet Swiss Krono OSB, 8 March 2016
23. SCION P21 Test on 8mm OSB 1200 x 2.4m walls, 29 May 2019



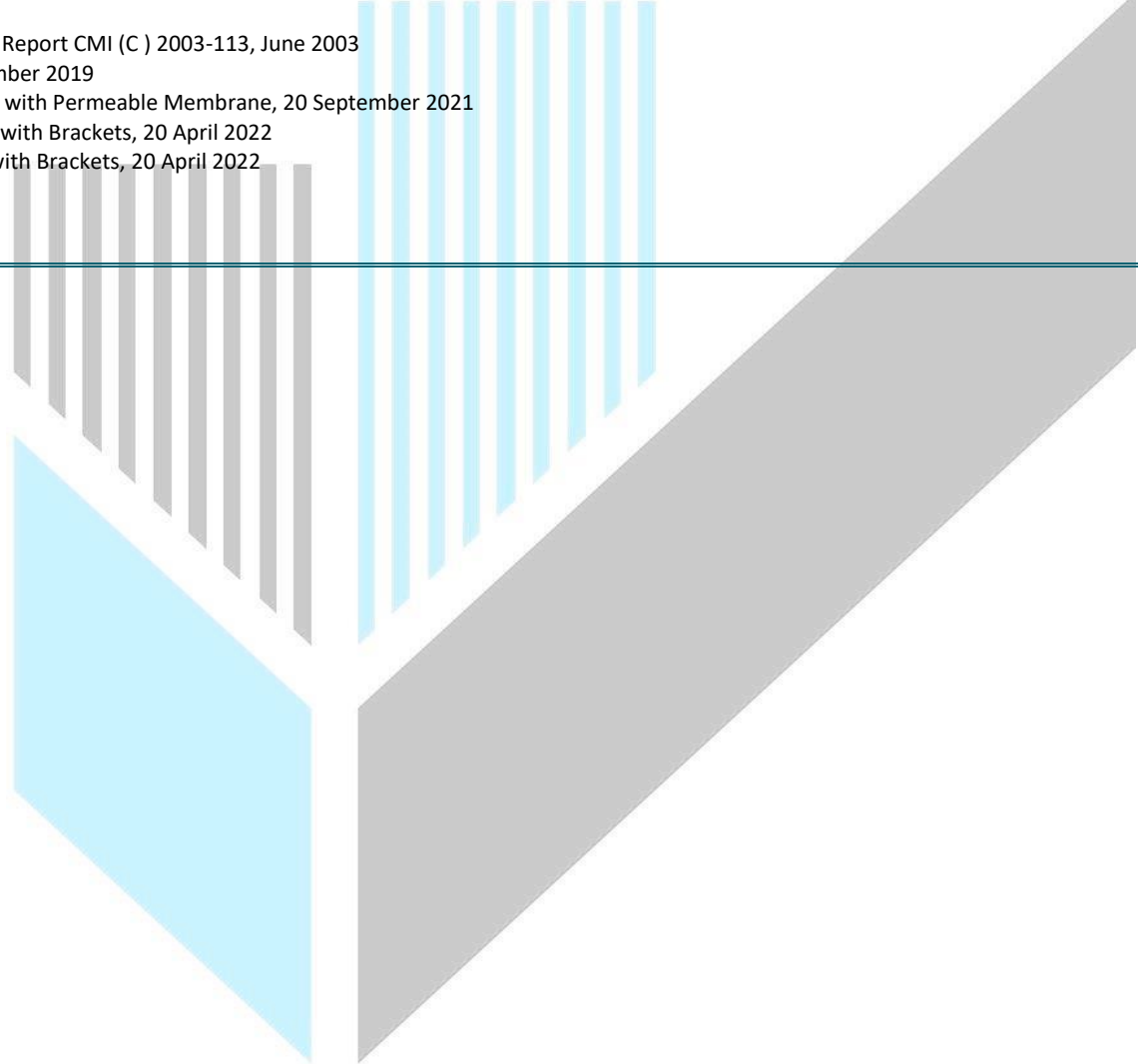
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24. SCION P21 Test on 6 mm OSB 1200 x 2.4m walls, 20 March 2013
25. CSIRO Manufacturing and Infrastructure Technology Confidential Report CMI (C ) 2003-113, June 2003
26. CE Declaration of Performance DOP 734-01 Egger OSB 3. 7 November 2019
27. AWTA Test Report 21-004683 IBS RigidRAP® 8mm rigid sheathing with Permeable Membrane, 20 September 2021
28. SCION P21 Test 8 mm OSB3 with 10mm EPS under 1200mm Wall with Brackets, 20 April 2022
29. SCION P21 Test 8 mm OSB3 with 10mm EPS under 600mm Wall with Brackets, 20 April 2022
30. IBS RigidRAP®-XT Installation Guide, May 22
31. IBS RigidRAP® Installation Guide, May 22



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### 14 CONDITIONS RELATING TO NOTIFICATION

- (a) the certificate holder notifies the product certification body (Bureau Veritas) in writing of any intended change to any of the following particulars:
- (i) the name, address, or contact details of the certificate holder;
  - (ii) any address of a location where a certified product is produced or manufactured;
- (b) the certificate holder notifies the product certification body (Bureau Veritas) in writing of any intended change, modification, or alteration to any of the following:
- (i) the certified building method or product;
  - (ii) the method of its production or manufacture;
  - (iii) the product quality plan prepared in respect of the certified building method or product;
  - (iv) the application or installation instructions for the certified building method or product;
  - (v) any documentation relating to the use and maintenance of the certified building method or product;
- (c) if the certificate holder has any reason to suspect that the certified building method or product does not comply with the Building Code, the certificate holder notifies the product certification body (Bureau Veritas) in writing of the reason for that suspicion:
- (d) if the certificate holder or the product certification body finds that a certified building method or product that has been released on the market does not comply with the Building Code, the certificate holder discloses that fact in disclosure statements published in a form that is acceptable to the product certification body (Bureau Veritas) and to the chief executive:
- (e) if the certificate is suspended or revoked, the certificate holder—
- (i) notifies all customers to whom the building method or product is regularly supplied; and
  - (ii) immediately ceases using the certificate, the mark of conformity, and any reference to the number of the certificate.