

IBS RIGIDRAP®

PURPOSE

IBS RigidRAP® is supplied by IBS for use as a wall bracing element, a structural rigid air barrier or an interior wall lining panel, where high impact is envisaged.

Where used as an exterior wall bracing element or rigid air barrier, IBS RigidRAP® functions as a temporary cladding.

EXPLANATION

IBS RigidRAP® comprises an 8 mm, moisture-resistant (class 3), Oriented Strand Board (OSB) panel with a heavyweight, synthetic wall underlay adhered to the outer face.

Manufactured by Swiss Krono, the OSB is a structural wood panel made of three layers of softwood strands, orientated at right angles and bonded together with heat-cured adhesives.

The BRANZ appraised wall underlay, adhered to the OSB in New Zealand by IBS, is a water-resistant polypropylene film, laminated between two layers of spunbonded polypropylene.

IBS RigidRAP® is supplied in the following sizes:

- 2440 x 1196 x 8 mm
- 3050 x 1196 x 8 mm.
- 2745 x 1196 x 8 mm

SCOPE AND LIMITATIONS OF USE

Scope	Limitations
Location In wind zones up to and including extra high as defined in NZS 3604:2011 or to a wind design pressure (ULS) of 2.5 kPa. In all exposure zones, as defined in NZS 3604:2011.	➤ Material selection in accordance with NZS 3604:2011, section 4.
Building With timber framing. In conjunction with a primary structure that complies with the NZ Building Code or where the designer has established that the existing structure is suitable for the intended building work.	➤ The stud spacing must be a maximum of 600 mm. ➤ At mid floor junctions, a proprietary 'Z' flashing must be installed.
As a rigid air barrier.	➤ The cladding system must incorporate a ventilated cavity and wall cladding that complies with E2/AS1 or has a relevant CodeMark certificate. ➤ Nailhead must not penetrate the board; it must be finished flush.
As a wall bracing element.	➤ Where designed in accordance with NZS 3604:2011 (as modified by B1/AS1 amd. 18). ➤ Nailhead must not penetrate the board; it must be finished flush.



For further assistance please contact:

- ☎ 0800 367 759
- ✉ info@ibs.co.nz
- 🌐 www.ibs.co.nz



USEFUL INFORMATION

For information on the design, installation and maintenance of IBS RigidRAP® and for our warranty refer to www.ibs.co.nz.

OTHER CERTIFICATIONS AND APPROVALS HELD BY THE MANUFACTURER

Swiss Krono, as manufacturer of the OSB3 has the following certifications.


- Swiss Safety Center AG. [26/04/2018]. Certificate No. 06-11-053.

ISO 9001:2015. *Quality management systems — Requirements.*

- Swiss Safety Center AG. [26/04/2018]. Certificate No. 98-111-503.
- ISO 14001:2015. *Environmental management systems — Requirements with guidance for use.*
- SGS [26/08/2019]. *FSC® Chain-of-Custody. Cert. no. SGSCH-COC-000309, SGSCH-CW-000309. retrieved from <https://www.swisskrono.com/ch-en/about-us/swiss-krono-switzerland/certificates/#/>. [Accessed 27/03/2022].*

PERFORMANCE CLAIMS

If designed, installed and maintained in accordance with all IBS requirements, the IBS RigidRAP® will comply with or contribute to compliance with the following performance claims:

NZ Building Code clauses	BASIS OF COMPLIANCE	
	Compliance statement	Demonstrated by
B1 Structure B1.3.1, B1.3.2 B1.3.3 (a), (b), (f), (h), (m), (q) B1.3.4	PRODUCT CERTIFICATION 	CodeMark Certificate issued by Bureau Veritas. Bureau Veritas is an accredited product certification body under section 263 of the Building Act 2004.
B2 Durability B2.3.1 (a)		
E2 External Moisture E2.3.2, E2.3.7		
F2 Hazardous Building Materials F2.3.1		

BASIS FOR CERTIFICATION

Technical

- IBS Building Products. [October 2020]. *Design and Installation Guide, version 2.0.*
- EN 13986: 2015. *Wood-based panels for use in construction. Characteristics, evaluation of conformity and marking.* In accordance with EN 300:2006. *Oriented Strand Board (OSB). Definitions, classifications and specifications.* Use classes and durability issues.

Quality

- Bureau Veritas. *Audit of IBS manufacturing facilities.*
- Bureau Veritas. *Review and audit of IBS Quality plan and associated manufacturing.*

Buildability

- Bureau Veritas. *NZ site audits.*

1. Where a standard is referenced it is to be read as amended by the acceptable solution or verification method as applicable.
2. Sources of information also include the Building Act 2004 and its regulations, including the Building Code (Schedule 1 of the Building Regulations 1992), Acceptable Solutions and Verification Methods, and relevant cited standards.
3. The quality and assurance that the supplied products meet the performance claims stated in this pass™ are the responsibility of the company that is the holder of this pass™.
4. Where E2/AS1 is referenced it is to be read as including E2/AS4.

IBS confirms that if IBS RigidRAP is used in accordance with the requirements of this pass™ the product will comply with the NZ Building Code and other performance claims set out in this pass™ and the company has met all of its obligations under s14 G of the Building Act.

Date of first issue: 29/11/2019
Date of current issue: 30/03/2022
NZBN: 9429000097253



Scan or click this QR code for a full download of Compliance Documentation for this pass™.

www.ibs.co.nz/products/rigidrap/



Kevin Brunton

Kevin Brunton, Technical Director, TBB confirms that this pass has been prepared on behalf of IBS and in accordance with MBIE PTS guidelines and in accordance with the TBB pass™ process which is within the scope of TBB's ISO 9001 certification.

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