



CERTIFICATE NO: CM70126
Date of issue: 6 September 2022

PRODUCT CERTIFICATE

SelectSIP Building System



BUREAU
VERITAS

KEY INFORMATION

1 CERTIFICATE HOLDER DETAILS
Peritus Building Systems Inc
284131, TWP 272 Rockyview County
Alberta, Canada T4P 258
E: admin@selectsip.nz
Ph: +64 9 889 1400
Web: www.selectsip.nz



2 PRODUCT CERTIFICATION BODY
Bureau Veritas Australia Pty Ltd
11/500 Collins Street
Melbourne VIC 3000
Australia
Ph: 1800 855 190
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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
The SelectSIP Building System is the design, manufacture and installation of the wall, roof and floor structural elements of detached and multi-unit dwellings. The SelectSIP Building System consists of composite wall, roof and floor panels, utilising a rigid type-S EPS polystyrene foam core between 10mm thick Prime-Vita reinforced Magnesium Oxide board facing material.
*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
The SelectSIP Building System is a structural system of internal and external walls, roof and floor panels of detached and multi-unit dwellings.
The SelectSIP Building System requires roof cladding installed over roof underlay and battens fixed to the roof panels, and window and door joinery, to make it weathertight. These are not included in the SelectSIP Building System.
The SelectSIP Building System does not provide a fire separation element where an FRR 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: Wall: B1.3.1, B1.3.2, B1.3.3(a, b, f, g, h, j, q), B1.3.4; Roof: B1.3.1, B1.3.2, B1.3.3(a, g, h, q), B1.3.4; Floor B1.3.1, B1.3.2, B1.3.3(a, b, j, q), B1.3.4
B2 Durability: B2.3.1 (a) B2.3.2
E2 External moisture:(Wall and Roof panels) E2.3.2, E2.3.7)
E3 Internal moisture: E3.3.1 (contributes to)
F2 Hazardous building materials: F2.3.1
H1 Energy efficiency: H1.3.1(a, b) (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. The SelectSIP Building System has been certified for detached dwellings and within household units in multi-unit dwellings buildings: a designed in accordance with Select SIP (Prime-Vita) Structural Design Information V3, 8 July 2021 and manufactured in accordance with the manufacturers Design and Installation Manual V2.0, 12 August 2022, and
 - a) within the scope of NZS3604:2011 Timber-framed buildings para 1.1, and
 - b) where the building height $\leq 10.0\text{m}$ and up to 2 storeys, and
 - c) with a roof classified as up to and including Heavy (as in NZS3604), and
 - d) situated:
 - i) in wind zones up to and including Extra High as described in NZS 3604:2011 – Timber-framed buildings, and
 - ii) in snow zone up to 2 kPa, and
 - iii) in any seismic zone, and
 - iv) in any exposure zone (except microclimates) as described in NZS3604, and
 - v) in any climate zone (as defined in H1/AS1), and
 - vi) not closer than 1 m from a relevant boundary
2. The SelectSIP Building System panels shall:
 - a) not be used in direct contact with the ground,
 - b) not be used as a fire separation element where a Fire Resistance Rating (FRR) is required,
 - c) be protected from water by a supplementary wall lining or applied impervious coating system when used in a wet area.
3. External walls shall be finished with a wall cladding (direct fixed or over a ventilated cavity) or a high build coating system in accordance with the Design and Installation Manual V2.0, 12 August 2022.
4. Establishing compliance with the performance criteria in Building Code clauses H1.3.1(a) and H1.3.2E shall be in accordance with either of the following:
 - a) the calculation method in Acceptable Solution H1/AS1 (Fifth Edition Amendment 1) or the modelling method in H1/VM1 (Fifth Edition Amendment 1), for all housing and buildings up to 300 m²
 - b) the calculation method in H1/AS2 (First Edition Amendment 1) or the modelling method in H1/VM2 (First Edition Amendment 1), for buildings greater than 300 m²
5. The designer shall provide a design statement for lodging with the building consent application:
 - a) confirming the design has been done in accordance with the Design and Installation Manual 12 August 2022 V2.0 and Select SIP (Prime-Vita) Structural Design Information V3, 8 July 2021, and
 - b) with calculations demonstrating compliance with H1 Energy Efficiency.
6. The installer shall provide a statement for lodging with the application for a Code Compliance Certificate, certifying the SelectSIP System has been installed in accordance with the consented plans and specifications and the Design and Installation Manual V2.0, 12 August 2022.

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



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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

Greg Kaschuk
Director

For and on behalf of
Peritus Building Systems Inc



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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SCHEDULE: INFORMATION THAT SUPPORTS KEY INFORMATION

9 SUPPORTING INFORMATION ABOUT DESCRIPTION

N/A

10 SUPPORTING INFORMATION ABOUT INTENDED USE

The exterior facing Magnesium Oxide board of roof panels provides a substrate for attachment of roof cladding over underlay and battens.
On exterior walls the Magnesium Oxide board may be finished with a high build coating system, or with a wall cladding direct fixed or over a ventilated cavity.
The interior facing Magnesium Oxide board may serve as an internal lining or provide a substrate for attachment of an alternative lining.

11 SUPPORTING INFORMATION ABOUT CONDITIONS AND LIMITATIONS OF USE

N/A



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12 BASIS FOR CERTIFICATION

- B1 Structure - By analysis and comparison with Acceptable Solution B1/AS1 and Verification Method B1/VM1
- B2 Durability - By analysis and comparison with Acceptable Solution B2/AS1 and Verification Method B2/VM1
- E2 External moisture - By testing with Verification Method E2/VM1 and referenced standard AS/NZS 4284
- 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 and Acceptable Solution F2/AS1
- H1 Energy efficiency - By testing and comparison with Acceptable Solutions H1/AS1 and H1/AS2 and Verification Methods N1/VM1 and H1/VM2

13 SUPPORTING DOCUMENTATION FOR CERTIFICATION

1. Solutions and Verification Methods for New Zealand Building Code Clause B2 Durability Second edition (Amendment 12), 28 November 2019
2. Acceptable Solutions and Verification Methods for New Zealand Building Code Clause F2 Hazardous building materials First edition (Amendment 3), 1 January 2017
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 Second edition (Amendment 7), 5 November 2020
5. Acceptable Solutions and Verification Methods for New Zealand Building Code Clause B1 Structure First edition (Amendment 20), 29 November 2021
6. H1 Energy Efficiency, Acceptable Solution H1/AS1, Energy efficiency for all housing, and buildings up to 300 m², Fifth edition Amendment 1, 4 August 2022
7. H1 Energy Efficiency, Acceptable Solution H1/AS2, Energy efficiency for buildings greater than 300 m², First edition Amendment 1, 4 August 2022
8. H1 Energy Efficiency, Verification Method H1/VM1, Energy efficiency for all housing, and buildings up to 300 m², Fifth edition Amendment 1, 4 August 2022
9. H1 Energy Efficiency, Verification Method H1/VM2, Energy efficiency for all housing, and buildings greater than 300 m², First edition Amendment 1, 4 August 2022
10. AS/NZS 4284:2008 Testing of building facades
11. All Façade Services Ltd Test Report No. AFS-R1027, 11 June 2021
12. CSIRO Report XC3741/R3 Thermal value summary report for SelectSIP thermal insulating panels, 11 December 2020
13. Intertek Test Report Peritus Building Systems lintel beam and reinforced box spline, Report No. L2978.01-119-16 R0, 12 January 2021
14. Intertek Test Report Peritus Building Systems lintel beam and structural insulated panels, Report No. L7102.01-119-16 R0, 12 January 2021
15. Intertek Test Report Peritus Building Systems ASTM E2126 Cyclic loading testing on 8' x 10' assembly (no construction adhesive), Report No. L2122.01-301-32 R3, 17 November 2020
16. Intertek Test Report Peritus Building Systems ASTM Tension parallel to surface and edgewise shear evaluations of 10 mm SIP Prime Vita sheathing, Report No. L2216.01-106-31 R0, 12 November 2020
17. Intertek Test Report Peritus Building Systems Fastener capacity tested in accordance with ASTM D1937-12, Report No. 104172936COQ-007, 23 February 2021
18. Intertek Test Report Peritus Building Systems Performance testing on structural insulated panels, Report No. K5396.01-119-16 R0, 18 December 2020
19. Intertek Test Report Peritus Building Systems Prime Vita board tested in accordance with sections of ICC AC308 Acceptance criteria for fiber-reinforced magnesium oxide-based sheets, and other ASTM tests, Report No. 104172836COQ-009C, 17 November 2020
20. James M Fricker Pty Ltd Report i541a Overall "Total R" (Thermally Bridged) Thermal Performance Calculations, 17 August 2022
21. BRANZ Appraisal No.838 [2019] Tescon Extora Sealing Tape, 9 December 2019
22. BRANZ Appraisal No.815 [2019] Tescon Extoseal Sealing Tape, 9 December 2019
23. PDC Laboratories Report WO: EB04458 Polarised Light Microscopy Test for Asbestos, 23 March 2021
24. SelectSIP Design and Installation Manual Doc No. SS-102 V2.0, 12 August 2022
25. Select SIP (Prime-Vita) Structural Design Information Revision V3, 8 July 2021

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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 (Bureau Veritas) 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 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.