

Certificate no: CMNZ70023

Version: 2

Original issue date: 24 September 2019

Version date: 07 December 2023

1. Certificate Holder Details



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2. Product Certification Body

Bureau Veritas Australia Pty Ltd
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Complaints: The complaints process for this certificate can be found here:
www.bureauveritas.com.au/your-feedback

Sam Guindi – Bureau Veritas Product Certification Manager



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Product Certificate

DINEX Building Design Method

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

The DINEX Building Design Method is a controlled design method for creating site-specific plans and specifications, as defined by section 7 of the Building Act 2004, for building consent applications, and amendments to the consent (Including minor variations).

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]

The Dinex Building Design Method is intended to be used for designing buildings that are within the requirements of Section 6: Conditions and Limitations of Use: Item 2 on page 3 of this certificate.

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, c, d, e, f, g, h, i, j, k, l, m, n, o, p, q, r), B1.3.4, B1.3.6, B1.3.7

B2 Durability - B2.3.1 (a, b, c), B2.3.2 (a, b)

C2 Prevention of fire occurring - C2.2, C2.3

C3 Fire affecting areas beyond the source - C3.4 (a, b, c), C3.6, C3.7 (a, c)

C4 Movement to a place of safety - C4.3 C4.5

C5 Access and safety for firefighting operations - C5.3 C5.4, C5.5, C5.6, C5.7, C5.8

C6 Structural stability - C6.2 (a)

D1 Access Routes - D1.3.1 (a, b, c), D1.3.2, D1.3.3 (a, b, c, d, e, f, g, h, i, j, k, l, m, n), D1.3.4 (a, b, d, e, f, g, h)

D2 Mechanical installations for access - D2.3.1, D2.3.2, D2.3.3 (a, b, c, d), D2.3.4, D2.3.5

E1 Surface water - E1.3.1, E1.3.2, E1.3.3

E2 External moisture - E2.3.1, E2.3.2, E2.3.3, E2.3.4, E2.3.5, E2.3.6, E2.3.7

E3 Internal moisture - E3.3.1, E3.3.2, E3.3.3, E3.3.4, E3.3.5, E3.3.6

F2 Hazardous building materials - F2.3.1, F2.3.2, F2.3.3



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F4 Safety from falling - F4.3.1, F4.3.2, F4.3.4

F5 Construction and demolition hazards - F5,

F6 Visibility in escape routes - F6.3.1, F6.3.2, F6.3.3, F6.3.4, F6.3.5, F6.3.6

F7 Warning systems - F7.3.1, F7.3.2, F7.3.3

F8 Signs - F8.3.1, F8.3.2, F8.3.3, F8.3.4, F8.3.5

G1 Personal hygiene - G1.3.1, G1.3.2, G1.3.3, G1.3.4

G2 Laundering - G2.3.1, G2.3.2, G2.3.3, G2.3.4

G3 Food preparation and prevention of contamination - G3.3.1, G3.3.2, G3.3.3, G3.3.4, G3.3.5

G4 Ventilation - G4.3.1, G4.3.2, G4.3.3 (a, b, c, i), G4.3.4, G4.3.5

G5 Interior environment - G5.3.1, G5.3.2, G5.3.3, G5.3.4, G5.3.5

G6 Airborne and impact sound - G6.3.1, G6.3.2

G7 Natural light - G7.3.1, G7.3.2

G8 Artificial light - G8.3

G9 Electricity - G9.3.1, G9.3.2, G9.3.3, G9.3.4

G10 Piped services - G10.3.1, G10.3.2, G10.3.3, G10.3.4, G10.3.5, G10.3.6

G11 Gas as an energy source- G11.3.1, G11.3.2, G11.3.3, G11.3.4, G11.3.5, G11.3.6

G12 Water supplies- G12.3.1, G12.3.2, G12.3.3, G12.3.4, G12.3.5, G12.3.6, G12.3.7, G12.3.8, G12.3.9, G12.3.10

G13 Foul water- G13.3.1, G13.3.2, G13.3.3, G13.3.4

G15 Solid waste - G15

H1 Energy efficiency - H1.3, H1.3.2E, H1.3.3, H1.3.4, H1.3.5



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Product Certificate

DINEX Building Design Method



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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. The Dinex Building Design Method is certified for creating site specific plans and specifications, as defined by section 7 of the Building Act 2004, for building consent applications, and amendments to the consent provided:
 - a) each page of the plans and specifications produced under this certificate and submitted for building consent shall bear the mark of conformity and certificate number, and the building consent application shall include a signed and dated DINEX Design Summary/Declaration, which includes a confirmation that producer statements have been provided by relevant engineers to Dinex,
 - b) each page of the plans and specifications produced under this certificate and submitted as amendments shall bear the mark of conformity and certificate number, and shall include a signed and dated DINEX Design Summary/Declaration – Amendment
2. The DINEX Building Design Method is certified for buildings:
 - a) of the following classified uses:
 - i) Housing (Building Code Clauses A1 2.0.2, 2.0.3, 2.0.4)
 - ii) Communal Residential (Building Code Clause A1 3.0.2 (Community service))
 - iii) Outbuildings (Building Code Clause A1 7.0.1) limited to garages, carports.
 - iv) Ancillary (Building Code Clause A1 8.0.1) limited to retaining walls, fences (excluding fencing of a swimming pool), free standing outdoor fireplace, and detached decking and pergolas, and
 - b) less than 10m building height, and
 - c) design risk score ≤ 20 when calculated using the E2/AS4 risk matrix, and
 - d) located in:
 - i) any seismic, snow, wind and exposure zones, as defined in NZS3604:2011 Timber-framed building and AS/NZS 1170.0:2002 Structural design actions, and
 - ii) any climate zone, as defined in Acceptable Solution H1/AS1
3. Compliance with Clauses E1.3.3 (e) and G13.3.3 is subject to the approvals of the relevant network utility operators for surface water drainage systems affecting an outfall, and connections to sewer.

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.

The DINEX Building Design Method has been assessed against its ability to ensure that each design complies with the relevant performance clauses of the code for the buildings within the scope of the system. The system includes the methods by which designs not complying with acceptable solutions are assessed for compliance through analysis and comparison with acceptable solutions, independent review of those differences and continuous improvement processes.

- B1 Structure - By testing and comparison with Acceptable Solution B1/AS1, Verification Method B1/VM1 and referenced standard NASH Standard Part 2 Light Steel Framed Buildings
- B2 Durability - By comparison with Acceptable Solution B2/AS1 and Verification Method B2/VM1
- C2 Prevention of fire occurring - By analysis and comparison with Acceptable Solutions C/AS1 and C/AS2
- C3 Fire affecting areas beyond the fire source - By analysis and comparison with Acceptable Solution C/AS1 and C/AS2
- C4 Movement to place of safety - By analysis and comparison with Acceptable Solution C/AS1 and C/AS2
- C5 Access and safety for firefighting operations - By analysis and comparison with Acceptable Solution C/AS1 and C/AS2
- C6 Structural stability - By analysis and comparison with Acceptable Solution C/AS1 and C/AS2
- D1 Access - By analysis and comparison with Acceptable Solution D1/AS1
- D2 Mechanical installations for access - By analysis and comparison with Acceptable Solution D2/AS1
- E1 Surface water - By comparison with Acceptable Solution E1/AS1
- E2 External moisture - By comparison with Acceptable Solution E2/AS4
- E3 Internal moisture - By comparison with Acceptable Solution E3/AS1
- F2 Hazardous building materials - By comparison and analysis with the performance requirements of Code clause F2.3.1 and Acceptable Solution F2/AS1
- F4 Safety from falling - analysis and comparison with Acceptable Solution F4/AS1
- F7 Warning systems- analysis and comparison with Acceptable Solution F7/AS1
- G1 Personal hygiene- analysis and comparison with Acceptable Solution G1/AS1
- G2 Laundering - analysis and comparison with Acceptable Solution G2/AS1
- G3 Food preparation and prevention of contamination - analysis and comparison with Acceptable Solution G3/AS1
- G4 Ventilation - By analysis and comparison with Acceptable Solution G4/AS1
- G5 Interior environment – By analysis and comparison with Acceptable Solution G5/AS1
- G6 Airborne and impact sound - By analysis and comparison with Acceptable Solution G6/AS1
- G7 Natural light - By analysis and comparison with Acceptable Solution G7/AS1



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- G8 Artificial light - By analysis and comparison with Acceptable Solution G8/AS1
- G9 Electricity - By analysis and comparison with Acceptable Solution G9/AS1
- G10 Piped services - By analysis and comparison with Acceptable Solution G10/AS1
- G11 Gas as an energy source - By analysis and comparison with Acceptable Solution G11/AS1
- G12 Water supplies - By analysis and comparison with Acceptable Solution G12/AS1
- G13 Foul water - By analysis and comparison with Acceptable Solution G13/AS1
- H1 Energy efficiency - By analysis 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 (Amendment 12), 28 November 2019
3. C/VM1 Verification Method for Solid Fuel Appliances C/AS1 Acceptable Solution for Buildings with Sleeping (residential) and Outbuildings (Risk Group SH) For New Zealand Building Code Clauses C1-C6 Protection from Fire (Amendment 5), 5 November 2020
4. C/AS2 Acceptable Solution for Buildings other than Risk Group SH for New Zealand Building Code Clauses C1-C6 Protection from Fire First edition (Amendment 2), 5 November 2020
5. Acceptable Solutions and Verification Methods for New Zealand Building Code Clause D1 Access Routes Second edition (Amendment 6), 1 January 2017
6. Acceptable Solutions and Verification Methods For New Zealand Building Code Clause D2 Mechanical Installations for Access Second edition (Amendment 7), 1 January 2017
7. Acceptable Solutions and Verification Methods for New Zealand Building Code Clause E1 Surface Water 1st Edition (Amendment 12), 2 November 2023
8. 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
9. Acceptable Solution E2 External Moisture E2/AS4 First edition, 28 November 2019
10. Acceptable Solutions and Verification Methods For New Zealand Building Code Clause E3 Internal moisture 2nd edition (Amendment 7), 5 November 2020
11. Acceptable Solution E3 Internal Moisture E3/AS2 First edition, 5 November 2020
12. Acceptable Solutions and Verification Methods for New Zealand Building Code Clause F2 Hazardous building materials First edition (Amendment 3), 1 January 2017



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13. Acceptable Solutions and Verification Methods For New Zealand Building Code Clause F4 Safety from Falling Third edition (Amendment 2), 1 January 2017
14. Compliance Document for New Zealand Building Code Clause F7 Warning Systems 4th edition, 10 April 2012
15. Compliance Document for New Zealand Building Code Clause G1 Personal Hygiene Second Edition amendment 6, 10 October 2011
16. Acceptable Solutions and Verification Methods For New Zealand Building Code Clause G2 Laundering First edition (Amendment 3), 1 January 2017
17. Acceptable Solutions and Verification Methods For New Zealand Building Code Clause G3 Food Preparation and Prevention of Contamination First edition (Amendment 2), 1 January 2017
18. Acceptable Solutions and Verification Methods for New Zealand Building Code Clause G4 Ventilation Fourth edition, 27 June 2019
19. Compliance Document for New Zealand Building Code Clause G5 Interior Environment First edition (Amendment 2), 10 October 2011
20. Compliance Document for New Zealand Building Code Clause G6 Airborne and Impact Sound First edition (Amendment 2), 1 December 1995
21. G7 Natural Light, Acceptable Solution G7/AS1 Natural Light for simple buildings up to three storeys excluding those with borrowed daylight, Second edition, 29 November 2021
22. G7 Natural Light Acceptable Solution G7/AS2, Natural Light for simple buildings excluding those with borrowed daylight, First edition, 29 November 2021
23. Acceptable Solutions and Verification Methods For New Zealand Building Code Clause G8 Artificial Light First edition (Amendment 2), 14 February 2014
24. Acceptable Solutions and Verification Methods for the New Zealand Building Code Clause G9 Electricity First edition (Amendment 7), 5 November 2020
25. Acceptable Solutions and Verification Methods For New Zealand Building Code Clauses G10 Piped Services, First edition (Amendment 8), 1 January 2017
26. Acceptable Solutions and Verification Methods For New Zealand Building Code Clause G11 Gas as an Energy Source First edition (Amendment 6), 1 January 2017
27. Acceptable Solutions and Verification Methods Acceptable Solutions and Verification Methods For New Zealand Building Code Clause G12 Water Supplies Third edition (Amendment 13), 2 November 2023
28. Acceptable Solutions and Verification Methods For New Zealand Building Code Clause G13 Foul Water Second edition (Amendment 10), 2 November 2023
29. 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
30. H1 Energy Efficiency, Acceptable Solution H1/AS2, Energy efficiency for buildings greater than 300 m², First edition Amendment 1, 4 August 2022



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31. 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
32. 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
33. NASH Standard Part 2 Light Steel Framed Buildings 2019
34. Peer Review of Lightweight Steel Frame Engineering Designs using Zog Steel Framing DBcon Consulting Engineers 21st June 2014
35. DINEX Design Summary/ Declaration v2
36. DINEX Design Summary/ Declaration – Amendment v1

10. Supporting Information About Description (Optional)

Any supporting information for section 3.

N/A

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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