

Certificate no: CMNZ70167

Version: 0

Original issue date: 29 October 2024

Version date: 29 October 2024

1. Certificate Holder Details



Alrite Holdings Limited

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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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Alrite Plasterboards

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

Alrite plasterboards are paper-faced gypsum plaster-core sheets in multiple grades with properties to support specific intended uses:

- **Alrite Standard Plasterboard** is faced with light grey face paper, with two edge profile options -square-edge or taper on the two long sheet edges. Alrite Standard Plasterboard is available in 10mm and 13mm sheet thicknesses, with 1200mm width, 2400mm, 2700 mm, and 3000mm lengths.
- **Alrite Moistureshield Plasterboard** is faced with a green, moisture-resistant paper, with two edge profile options - square-edge or taper on the two long sheet edges. Alrite Moistureshield Plasterboard is available in 10mm and 13mm sheet thicknesses, with 1200mm width, 2400mm, 2700 mm, and 3000mm lengths.
- **Alrite Fireshield Plasterboard** is faced with light red paper, with two edge profile options - square-edge or taper on the two long sheet edges. Alrite Fireshield Plasterboard is available in 13mm sheet thickness, with 1200mm width, 2400mm, 2700 mm, and 3000mm lengths.

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]

Alrite Plasterboards are paper-faced plasterboards for lining walls and ceilings:

- Alrite Standard Plasterboard is not intended for use as a wall bracing element.
- Alrite Moistureshield Plasterboard is intended for use in internal wet areas where occasional water splashes or high humidity are expected. It is intended for use as a wall bracing element.
- Alrite Fireshield Plasterboard is intended for use where fire resistance is required. It is not intended for use as a wall bracing element.



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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.

Clause B1 Structure: Performance Clauses B1.3.1, B1.3.2, B1.3.3 (f, h, j), B1.3.4

Clause B2 Durability: Performance Clauses B2.3.1(a*, c), B2.3.2* (* when used as wall bracing or ceiling diaphragm)

Clause C3 Fire affecting areas beyond the fire source: Performance Clauses C3.4(a), C3.6* (* Fireshield only)

Clause C4 Movement to place of safety: Performance Clauses C4.3* (* Fireshield only)

Clause E3 Internal moisture: Performance Clauses E3.3.4, E3.3.5

Clause F2 Hazardous building materials: Performance Clauses F2.3.1

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. Alrite Plasterboards are certified for use in buildings:
 - a. where the structure is:
 - i. timber framed in accordance with NZS3604:2011 Timber framed buildings, or
 - ii. steel framed in accordance with NASH Standard Part 2: 2019 Light Steel Framed Buildings, or
 - iii. timber or steel framed specifically designed in accordance with verification method B1/VM1 (Amendment 15) using the structural design actions in AS/NZS1170:2002, and
 - b. located in any exposure zone; and
 - c. in areas within those buildings where the Material Group Number required by clause C3.4(a) is not greater than 2-S.
2. The certification in #1(a) above is subject to the following limitations:
 - a. only Alrite Moistureshield Plasterboard is certified for use as a wall bracing element,
 - b. Alrite Moistureshield Plasterboard is certified for use as a wall bracing element in timber framed buildings only,
 - c. Alrite Fireshield Plasterboard is certified for use as a component of a fire resistance rated wall in steel framed buildings only,
 - d. all grades of Alrite plasterboards with sheet thickness 10 mm or greater are certified for use as a ceiling diaphragm when used as described in NZS3604:2011 Timber Framed Buildings para 5.6(b) and NASH Standard Part 2: 2019 Light Steel Framed Buildings para 5.5.1.
3. Alrite Plasterboards shall be installed in accordance with:



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- a. the applicable installation manual:
 - Alrite Standard Plasterboard Product Technical and Installation Manual, V1.4 Oct 2024
 - Alrite Moistureshield Product Technical and Installation Manual, V1.1 Oct 2024
 - Alrite Fireshield System Product Technical and Installation Manual, V1.3 Oct 2024, and
- b. when used as a bracing element, the Alrite Bracing System Product Technical and Installation Manual, V1.2 Oct 2024

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.

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
- B2 Durability - By testing and comparison with Verification Method B2/VM1
- C3 Fire affecting areas beyond the fire source - By comparison with Acceptable Solutions C/AS1 and C/AS2
- C4 Movement to place of safety - By testing and comparison with Acceptable Solution C/AS2
- E3 Internal moisture - By testing and comparison with Acceptable Solution E3/AS1
- F2 Hazardous building materials - By comparison with performance clause F2.3.1

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. AS/NZS 2588:2018 Gypsum plasterboard
2. Acceptable Solutions and Verification Methods for New Zealand Building Code Clause B2 Durability Second edition (Amendment 12), 28 November 2019
3. Acceptable Solutions and Verification Methods for New Zealand Building Code Clause E3 Internal Moisture Second edition (Amendment 7), 5 November 2020
4. Acceptable Solutions and Verification Methods for New Zealand Building Code Clause B1 Structure First edition (Amendment 21), 2 November 2023
5. C1 - C6 Protection from Fire Acceptable Solution C/AS1 Protection from fire for buildings with sleeping (residential) and outbuildings (risk group SH) Second Edition, 2 November 2023



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6. 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 3), 2 November 2023
7. NZS3604:2011 Timber framed buildings
8. NASH Standard Part 2: 2019 Light Steel Framed Buildings
9. Intertek Report No. 230629013SHF-001 Knauf Fireshield Tests to AS/NZS 2588:2018 Gypsum plasterboard, 17 July 2023
10. Intertek Report No. 230629013SHF-002 Knauf MoistureShield Tests to AS/NZS 2588:2018 Gypsum plasterboard, 7 August 2023
11. Intertek Report No. 2220816001SHF-001 Knauf MoistureShield Tests to AS/NZS 2588:2018 Gypsum plasterboard, 25 August 2022
12. Intertek Report No. 240104001SHF-001 Knauf standard plasterboard Tests to AS/NZS 2588:2018 Gypsum plasterboard, 15 January 2024
13. BRANZ Report ST16627-01-2 Bracing Testing of MSSC Knauf Plasterboard, 8 November 2022
14. Warringtonfire Technical Report Number: WFS01936-00, 27 May 2022
15. RED Test Report No, R22M31-1B, Fire Resistance Test in Accordance with BS 476 Part 22:1987, 15 May 2023
16. RED Test Report No, R22M05-2B, Fire Resistance Test in Accordance with BS 476 Part 22:1987, 15 May 2023
17. Alrite Bracing System Product Technical and Installation Manual, V1.2 Oct 2024
18. Alrite Moistureshield Product Technical and Installation Manual, V1.1 Oct 2024
19. Alrite Standard Plasterboard Product Technical and Installation Manual, V1.4 Oct 2024
20. Alrite Fireshield System Product Technical and Installation Manual, V1.3 Oct 2024

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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