

Certificate no: CMNZ70028

Version: 2

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Version date: 29 June 2023

1. Certificate Holder Details

INSULMAX
WALL INSULATION SYSTEM

Insulmax New Zealand Ltd

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Fairfield, Dunedin 9018
New Zealand
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www.insulmax.co.nz

2. Product Certification Body

Bureau Veritas Australia Pty Ltd

11/500 Collins Street
Melbourne VIC 3000 Australia

product.certification@bureauveritas.com

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

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



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Product Certificate

Insulmax New Zealand Ltd

INSULMAX® Retrofit External Wall Insulation System

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

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 INSULMAX® Retrofit External Wall Insulation System is a Building Method which includes a documented method for assessing an existing building and identifying any work to be done in connection with the installation INSULMAX® insulation to meet the requirements of S112 of the Building Act 2004. The Building Method also includes the installation of INSULMAX® insulation and reinstatement of the external cladding back to its weathertight state. The INSULMAX® insulation is a white, mineral fibre insulation able to be blown into existing wall cavities via small holes made in the existing external cladding or internal lining and achieves an R value of 2.9/100mm.

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.

The INSULMAX® Retrofit External Wall Insulation System is intended for use in external walls of all existing buildings subject to the completion of the INSULMAX® Existing Building Assessment.

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). eg Clause B2 – DURABILITY Performance B2.3.1

How the building method or product complies or contributes can be found in item 9. Basis for Certification.

Any qualifications on the extent of that compliance can be found in item 6. Conditions and limitations of use.

B2 Durability – B2.3.1 (a), B2.3.2

C3 Fire affecting areas beyond the fire source – C3.7 (a) (contributes to)

E2 External Moisture – E2.3.2 (contributes to) E2.3.7 (contributes to)

E3 Internal Moisture – E3.3.1 (contributes to)

F2 Hazardous Building Material – F2.3.1

H1 Energy Efficiency – H1.3.1, H1.3.2E (contributes to)



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The existing building will continue to comply with the following Building Code clauses to at least the same extent as before the installation of Insulmax® insulation:

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

C2 Prevention of Fire Occurring – C2.2

E2 External Moisture – E2.3.2, E2.3.5, E2.3.7

G9 Electricity – G9.3.1

H1 Energy Efficiency – H1.3.1, H1.3.2E

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.

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

1. The INSULMAX® External Wall Insulation system shall be carried out by, or supervised by a person licensed by INSULMAX® NZ Limited to the INSULMAX® Existing Building Assessment & Installation Manual, Version 5, 8/5/16
2. The INSULMAX® License Holder shall provide a signed Declaration: Assessment of the Existing Building, and a completed Existing Building Assessment. These documents shall be supplied to the BCA as part of an application for building consent or an application for a Schedule 1 S2 exemption.
3. A signed agreement of the Building Owner to complete the “Work Required” as listed on the INSULMAX® Existing Building Assessment Report shall be provided to the BCA as part of an application for building consent or Schedule 1 S2 exemption.
4. The INSULMAX® license holder shall sign the INSULMAX® Installation Declaration Certificate of Completion when all work is completed. This declaration shall be submitted to the BCA and may be relied upon when issuing a CCC where applicable.

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. Signatures

Name and Signature of the Product Certification Body's (PCB) authorised representative and, where different, the person assigned by the PCB to make the certification decision.

Sam Guindi
Product Certification Manager

For and on behalf of
Bureau Veritas Australia Pty Ltd

9. 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.

- B2 Durability - By analysis and comparison with Acceptable Solution B2/AS1 and Verification Method B2/VM1
- C2 Prevention of fire occurring – By testing and comparison with Acceptable Solutions C/AS1 and C/AS2
- C3 Fire affecting areas beyond the fire source - By testing and comparison with Acceptable Solutions C/AS1 and C/AS2
- E2 External moisture - By analysis and comparison with Acceptable Solution E2/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



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10. 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 B2 Durability (Amendment 12), 28 November 2019
2. C/AS2 Acceptable Solution for Buildings other than Risk Group SH for New Zealand Building Code Clauses C1-C6 Protection from Fire, 1st edition (Amendment 2), 5 November 2020
3. C/VM1 Verification Method for Solid Fuel Appliances and 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. Acceptable Solutions and Verification Methods For New Zealand Building Code Clause E2 External moisture 3rd edition (Amendment 10), 5 November 2020
5. 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
6. BBA Agrément Certificate 14/5086 Superglass Cavity Wall Insulation and Superwhite 40 Cavity Wall Insulation, 15 January 2014
7. RISE Research Institutes of Sweden AB | Certification Certificate of constancy of performance Thermal insulation products for buildings – In-situ-formed loose-fill mineral wool (MW) products 0402-CPR-SC0003-13 | issue 3 | 2022-04-24
8. SP Technical Research Institute of Sweden, Determination of water absorption for blown loose fill mineral wool, PX27330, 19 October 2012
9. Warrington Fire, Classification of Reaction to fire performance in accordance with EN 13501-1:2018 – Loose Mineral Wool Cavity Wall + Loft Insulation, WF434663, 14 December 2020
10. MBIE Determination, 2012/026
11. INSULMAX® Existing Building Assessment & Installation Manual, Version 5, 8/5/16
12. Material Safety Data Sheet, Mineral Wool Insulation, November 2020

11. Supporting Information About Description (Optional)

Any supporting information for section 3.

Further information can be found on the website <https://www.INSULMAX.co.nz/technical/>

12. Supporting Information About Intended Use (Optional)

Any supporting information for section 4.

N/A



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13. Supporting Information About Conditions and Limitations of Use (Optional)

Any supporting information for section 6.

N/A



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