CodeMark

Certificate no: CMNZ70099
Version: 3
Original issue date: 22 April 2021
Version date: 11 October 2024

Product Certificate

HBS HEATLOK HFO HIGH-LIFT

1. Certificate Holder Details

ASCC Limited
Unit A/112, Bush Road, Rosedale, Auckland, 0632
New Zealand
sales@ascc.net.nz
Phone: (+64) 9 966 2447
www.ascc.net.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

Sam Guindi – Bureau Veritas Product Certification Manager

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

HBS HEATLOK HFO HIGH-LIFT insulation is a site-applied closed cell, medium density 2-part polyurethane spray-in-place foam thermal insulation product.

4. Intended use of Building Method or Product

HBS HEATLOK HFO HIGH-LIFT insulation is a thermal insulation product for walls, ceilings, roofs and underfloors.

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.

B2 Durability: B2.3.1 (a), B2.3.2
E3 Internal moisture: E3.3.1 (contributes to)
F2 Hazardous building materials: F2.3.1
H1 Energy efficiency: H1.3.1 (a) (contributes to), H1.3.2E (contributes to)

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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. HBS HEATLOK HFO HIGH-LIFT Insulation is certified for use in:
   a) timber framed buildings to NZS3604:2011 Timber-Framed Buildings, or
   b) light steel framed buildings to NASH Standard Part 2:2019 Light Steel Framed Buildings, and
   c) located in any climate zone
2. HBS HEATLOK HFO HIGH-LIFT Insulation shall not be installed as an exposed internal surface in a building or part of building where there is a requirement to comply with Building Code clause C3.4a). Where HBS HEATLOK HFO HIGH-LIFT Insulation is installed in a space where the surface lining does have a requirement to comply with C3.4(a), HBS HEATLOK HFO HIGH-LIFT Insulation shall be covered with a rigid sheet product of gypsum plasterboard, plywood, solid wood, wood composite, fibre reinforced cement, concrete or masonry that is not less than 9 mm thick.
3. HBS HEATLOK HFO HIGH-LIFT Insulation shall:
   a) be installed by an ASCC Ltd trained and approved installer, and
   b) in accordance with the TECHNICAL MANUAL for HBS HEATLOK HFO and HBS HEATLOK SOYA HFO (Summer and Winter), for use as an INSULATING THERMAL BARRIER Version 3.1, issued 19th August 2021, and
   c) with sufficient thickness to achieve the R-value specified, but not less than 30 mm, and
   d) with clearance as required around recessed light fittings, chimneys, flues and other hot surfaces, and
   e) be protected from the weather within 6 months.

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.

B2 Durability - By testing and comparison with Verification Method B2/VM1
E3 Internal moisture - By analysis and comparison with Acceptable Solution E3/AS1
F2 Hazardous building materials - By analysis and comparison with the performance requirements of Building Code clause F2.3.1
H1 Energy efficiency - By testing and comparison with Verification Method H1/VM1

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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 B2 Durability (Amendment 12), 28 November 2019
2. Acceptable Solutions and Verification Methods For New Zealand Building Code Clause E3 Internal moisture 2nd edition (Amendment 7), 5 November 2020
3. 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
4. ASTM EPD-085 Environmental Product Declaration according to ISO 14025 Spray Polyurethane Foam Insulation (HFO), 29 October 2018
5. Intertek Report Number 102680245-014b, Thermal transmission properties of Heatlok HFO, tested to ASTM C518 - 2915, 3 November 2016
6. QAI Laboratories Test Report No TJ4043-PT-1, Physical properties of Heatlok HFO, 9 January 2017
7. TECHNICAL MANUAL for HBS HEATLOK HFO and HBS HEATLOK SOYA HFO (Summer and Winter), for use as an INSULATING THERMAL BARRIER Version 3.1, issued 19th August 2021.

10. Supporting Information About Description (Optional)

Any supporting information for section 3.

Further details regarding the description of the product can be found in the TECHNICAL MANUAL for HBS HEATLOK HFO and HBS HEATLOK SOYA HFO (Summer and Winter), for use as an INSULATING THERMAL BARRIER Version 3.1, issued 19th August 2021

11. Supporting Information About Intended Use (Optional)

Any supporting information for section 4.

Further details regarding the use of the product can be found in the TECHNICAL MANUAL for HBS HEATLOK HFO and HBS HEATLOK SOYA HFO (Summer and Winter), for use as an INSULATING THERMAL BARRIER Version 3.1, issued 19th August 2021

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

Any supporting information for section 6.

For the purpose of calculating the thermal resistance of HBS HEATLOK HFO HIGH-LIFT, the thermal resistance shall be taken as 1.1m²K/W per 25mm thickness of foam.

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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.