

Knauf Insulation glasswool ceiling segments

Product Technical Statement: 114152



Knauf Insulation, a global leader in insulation manufacturing. Soft to handle, easy to install.

[View miproducts listing](#)



Level of assurance needed to demonstrate NZ Building Code Compliance

Supporting documentation should include self-assessment and technical information by manufacturer



Knauf Insulation confirms that this minimum level of assurance has been met or exceeded by the following:

CodeMark

[30095](#)

BRANZ Appraisal

[648](#)



The following information has been provided by Knauf Insulation demonstrating how this product complies with the [Building Product Information Requirements](#).

Technical Statement

Product Class

CLASS 1

Product Description

The Knauf Insulation range of glasswool insulation products don't look or feel like any insulation you've ever experienced, that's because the natural brown colour represents a level of sustainability and ease of handling never before achieved in New Zealand. The colour and super-soft feel of this insulation come from a revolutionary sustainable binder which does not contain the petro-based chemicals, added formaldehyde or artificial colours commonly used in other glasswool insulation. Knauf Insulation glasswool has been certified DECLARE 'Red List Free' indicating that the products are free from chemicals and elements known to pose serious risks to human health.

Scope of use

Knauf Insulation's ceiling insulation range is intended for use in open ceiling cavities where the products remain dry and uncompressed. Products must be installed with NZS4246 and the manufacturers installation instructions.

New Zealand Building Code (NZBC)

The product will, if employed in accordance with the supplier's installation and maintenance requirements, assist with meeting the following provisions of the building code:

- Clause B2 Durability:** Performance B2.3.1(a), B2.3.1(b)
GM-CM30095 RevB - <https://knauf.com/api/download-center/v1/assets/371d6b99-d5e1-49f9-8be3-4b38e869ba2e?download=true&country=nz&locale=en-NZ>
BPIR - <https://knauf.com/api/download-center/v1/assets/0c2cb7ad-9c69-470d-be3f-83206b89ea51?download=true&country=nz>
- Clause E3 Internal moisture:** Performance E3.3.1
GM-CM30095 RevB - <https://knauf.com/api/download-center/v1/assets/371d6b99-d5e1-49f9-8be3-4b38e869ba2e?download=true&country=nz&locale=en-NZ>
BPIR - <https://knauf.com/api/download-center/v1/assets/0c2cb7ad-9c69-470d-be3f-83206b89ea51?download=true&country=nz>
- Clause F2 Hazardous building materials:** Performance F2.3.1
GM-CM30095 RevB - <https://knauf.com/api/download-center/v1/assets/371d6b99-d5e1-49f9-8be3-4b38e869ba2e?download=true&country=nz&locale=en-NZ>
BPIR - <https://knauf.com/api/download-center/v1/assets/0c2cb7ad-9c69-470d-be3f-83206b89ea51?download=true&country=nz>
- Clause G6 Airborne and impact sound:** Performance G6.3.1
GM-CM30095 RevB - <https://knauf.com/api/download-center/v1/assets/371d6b99-d5e1-49f9-8be3-4b38e869ba2e?download=true&country=nz&locale=en-NZ>
BPIR - <https://knauf.com/api/download-center/v1/assets/0c2cb7ad-9c69-470d-be3f-83206b89ea51?download=true&country=nz>



masterspec partner

Company Contact Details



Company: Knauf Insulation New Zealand
Physical Address: PO Box 512 Auckland
Postal Address: PO Box 512 Silverdale Auckland
Email: tech.nz@knaufinsulation.com
Website: <http://www.knauf.com/en-NZ/knauf-insulation>

- **Clause H1 Energy efficiency** : Performance H1.3.1, H1.3.1(a), H1.3.2E

GM-CM30095 RevB - <https://knauf.com/api/download-center/v1/assets/371d6b99-d5e1-49f9-8be3-4b38e869ba2e?download=true&country=nz&locale=en-NZ>

BPIR - <https://knauf.com/api/download-center/v1/assets/0c2cb7ad-9c69-470d-be3f-83206b89ea51?download=true&country=nz>

Evidence

The product meets the requirements set out in the following documents, or relevant parts of cited standards within the documents:

Knauf Insulation products are an Acceptable Solution in terms of New Zealand Building Code Compliance.

Knauf Insulation products have received CodeMark Certification 30095 - Certificate Number GM-CM30095 RevB which further supports the ceiling insulation ranges ability to meet Building Code Performance Requirements.

CodeMark Clause 12, Basis For Certification provides details for standards in Compliance pathways.

CodeMark Clause 13, Supporting Documentation for Certification provides supporting documentation and verification methods for the New Zealand Building Code.

Supporting Evidence

The product has and can make available the following additional evidence to support the above statements:



CodeMark

30095

BRANZ Appraisal

648

Product Criteria

Design requirements

Knauf Insulation's ceiling insulation range is intended for use in open ceiling cavities where the products remain dry and uncompressed. Products must be installed with NZS4246 and the manufacturers installation instructions.

Manufactured for consistent quality and ease of installation, the batts are low dust, clean cutting and highly resilient, allowing them to recover quickly to full thickness. Knauf Insulation Ceiling segments also incorporate DriTherm® Technology, which provides moisture repellence to support long-term durability and in-service performance.

Knauf Insulation does not have proprietary fixings or accessories.

Installation requirements

Installation of Knauf Insulation Ceiling segments must be completed by an installer with an understanding of insulation installation, in accordance with the instructions given within the Technical Literature, Installation Instructions and BRANZ Appraisal. Installation of Knauf Insulation must be in accordance with the Knauf Insulation's Technical Literature, Installation Instructions and BRANZ Appraisal. NZS 4246 should be used as a guide for installing insulation in residential buildings in New Zealand. The product must be installed only when the building is enclosed and when the construction materials have achieved the required maximum moisture content or less, to ensure the insulation does not become wet.

Please refer to Knauf Insulation's ceiling installation instructions at <https://knauf.com/api/download-center/v1/assets/57dd4450-d039-4995-9569-37f4ce67eee0?download=true&country=nz&locale=en-NZ>

Maintenance requirements

The building must be maintained weatherproof at all times. If, during normal routine maintenance it is discovered that moisture has entered the building envelope, or that dampness has occurred because of leaking plumbing or some other source, then that source must be repaired immediately. Wet or damp insulation must be removed and then replaced with new insulation of an equivalent thermal rating. Cavities must be clean, dry and free of all contaminants and mould before fitting new insulation. NZS 4246 Paragraph 3.3 gives guidance on thermal insulation maintenance due to water damage.

Please refer to Knauf Insulation's ceiling installation instructions and warranty documents at knauf.com/en-NZ/knauf-insulation.

Warrantees

Knauf Insulation Ltd (Registered NZ Company No. 35 271 92) - (Knauf) - warrants that its range of unfaced glasswool insulation, including Knauf Insulation, Earthwool® Glasswool and ecoInsulation (Product) are manufactured in accordance with AS/NZS-4859.1 and are fit for the purpose of insulating ceilings, skillion roofs, external timber frame walls, underfloors and internal acoustic partitions, if tested in accordance with the methodology referred to in AS/NZS-4859.1, if properly installed in accordance

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with the installation instructions and if maintained according to relevant Standards including AS-3999/NZS- 4246.

Conditions apply - visit the following link for full warranty details and conditions: <https://knauf.com/en-NZ>

Company Product Information

Environmental

Knauf Insulation products are manufactured using recycled glass and have GreenRate™ Level A certification. Certification makes it easy for designers and building owners to gain rewards under Green Star and Homestar credits system. Knauf Insulation has been certified Declare Red List Free label meaning that none of the raw materials used in its manufacture are on the International Living Futures Institute red list. Knauf Insulation is also free from CFCs, HCFCs and any other material with known ozone depletion potential and represents no known threat to the environment. Knauf Insulation's unique binder technology - ECOSE® Technology - is plant-based and is based on rapidly renewable materials, instead of petro-based chemicals. ECOSE® Technology results in less embodied carbon than traditional binders used in alternative glasswool products.

Quality Assurance



ISO 9001 (Quality Management)

Relationships



Member of New Zealand Green Building Council



Eurofins Gold Level - No. lacg-323-01-25-2022



International Living Futures Institute International Living Futures Institute



CodeMark 30095



Jensen Hughes AC100.3



EcoSpecifier Global Green Tag Level A



EUCEB BEUC-511-24008-463-24008



BRANZ 648

Videos

[Knauf Insulation R7.0 Single Layer Insulation](#)

Building Product Information Requirements

Manufacturer

Legal Trading Name:

Knauf Insulation New Zealand

Business Email:

tech.nz@knaufinsulation.com

Company Website:

<http://www.knauf.com/en-NZ/knauf-insulation>

Contact Number/s:

0800 562834

Product Identifier

860144 R3.6 (M²K)/W170 MM430 MM1,160 MM18 PC/PACK, 8.982 M²/PACK 860138 R4.2 (M²K)/W 210MM, 430MM, 1160MM, 14 PC/PACK, 6.986 M²/PACK 860132 R5.2 (M²K)/W 230MM, 430MM, 1160MM, 11 PC/PACK, 5.489 M²/PACK 860128 R7 (M²K)/W 330MM, 460MM, 1160MM, 8 PC/PACK, 4.272 M²/PACK

Warnings

This product has no warnings associated with it.

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Date last validated: **29 July 2026**



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