

New Zealand owned, galvanised wire mesh for supporting roofing products

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Level of assurance needed to demonstrate NZ Building Code Compliance

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



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

BRANZ Appraisal

[1029](#)



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

Technical Statement

Product Class

CLASS 1

Product Description

Ausnet is a galvanised steel wire mesh used to support roof underlays, foils and glass wool insulation. Ausnet is easy to install and can be used on timber and steel framing. The product consists of a pattern of woven flat hexagonal shaped wires.

Scope of use

With a roof pitch not less than 3°

With profiled metal roof cladding

With masonry tile roof cladding.

With metal tile roof cladding

Situated in NZS 3604 wind zones up to and including extra high

For use on timber and steel framing to support roof underlays, foils and insulation.

Product should be enclosed within the dry roof space with no direct exposure to the weather upon the roofing completion work.

Product should not be installed in a roof space where air extraction, air ventilation, kitchen exhaust fan or dehumidifying devices are venting directly into the roof space.

Product must not be continuously exposed to a corrosive environment and/or high relative humidity environment greater than or equal to 90%.

When AUSNET is installed as per Kingspan Thermakraft's installation instructions and BRANZ Appraisal No. 1029 [2023], the product will meet the requirements of the New Zealand Building Code B2 Durability.

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)

Clause B2 DURABILITY: Performance B2.3.1 (a) 50 years, B2.3.1 (b) 15 years and B2.3.2. Thermakraft AUSNET Hexagonal Wire Mesh meets these requirements.

AUSNET is constructed of 1.0mmdiameter wire and is galvanise coated to 150g/m2. This strictly conforms to the W10 wire coating class in the AS/NZS 4534:2006 standard.

- **Clause E2 External moisture:** Performance E2.3.2

Clause E2 EXTERNAL MOISTURE: Performance E2.3.2. Thermakraft AUSNET Hexagonal Wire Mesh contributes to meeting this requirement.

Ausnet is classified as an acceptable Solution in accordance with E2/AS1 and meets the requirements of NZBC.

- **Clause F2 Hazardous building materials:** Performance F2.3.1

Clause F2 HAZARDOUS BUILDING MATERIALS: Performance F2.3.1. Thermakraft AUSNET Hexagonal Wire Mesh meets this requirement.



masterspec partner

Company Contact Details



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Evidence

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

Thermakraft AUSNET Hexagonal Wire Mesh meets code compliance with NZBC Clause B2.3.1 (a), not less than 50 years for roof underlay support used where the roof cladding durability requirement or expected serviceable life is not less than 50 years, e.g. under masonry roof tile cladding, and code compliance with NZBC Clause B2.3.1 (b), 15 years for roof underlays used where the roof cladding durability requirement is 15 years.

Supporting Evidence

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



BRANZ Appraisal
[1029](#)

Product Criteria

Design requirements

[Ausnet Data Sheet](#)

Installation requirements

[Ausnet Install Guide](#)

Maintenance requirements

No regular maintenance required.

Warrantees

[Kingspan Thermakraft Warranty Statement](#)

Company Product Information

Quality Assurance



ISO 9001 (Quality Management)

Relationships



Member of New Zealand Green Building Council

Building Product Information Requirements

Manufacturer

Legal Trading Name:

Kingspan Insulation New Zealand Ltd

Contact Number/s:

+64 9-2733727
0800806595

Importer

Legal Trading Name:

Kingspan Insulation New Zealand Ltd

Business Email:

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Company Website:

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Contact Number/s:

0800 806595

Product Identifier

AUSNET200075050 AUSNET200075100 AUSNET200050050 AUSNET200050100

Warnings

This product has no warnings associated with it.



Date last validated: **20 February 2025**



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