

AUSMESH

Roof Safety Mesh



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Galvanised roof safety mesh

Kingspan Ausmesh is a superior quality roof underlay support and fall safety mesh for use on a variety of commercial buildings. Ausmesh is constructed of high tensile galvanised wire exceeding 450MPa and when used for roofing becomes a permanent fixture in the building.

Ausmesh comes in sizes up to 2400 wide and can be cut to length for efficiency:

1800mm x 50m	Available cut to length*	
2400mm x 50m	Available cut to length*	

* **Note:** Production time allowance may vary - contact your Kingspan Insulation Representative for more information.



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Product Description

Width	Mesh Size	Wire Diameter	Tensile Strength	Wire Coating	Length	Weight
1800mm 2250mm 2400mm	300mm x 150mm	2mm galvanised	Crosswire/ Transverse Wire min 450MPa	Standard AS/NZS 4534:2006 WO2	Standard roll size 50m	1800 width = ~23.5kg per roll.
			Line Wire/ Longitudinal Wire min 500 MPa			2250 width = ~29kg per roll.
						2400 width = ~31kg per roll.

Scope of Use

- Roof safety mesh as a primary means for fall protection when working at heights in domestic, commercial and industrial building applications that use steel or timber structure.
- Suitable for the support of foil underlays (Thermakraft Thermabar 344 and Thermabar 397) in exposed roof spaces, and synthetic underlays (Thermakraft Covertex 407, 405 and 403) in enclosed roof spaces.
- May be used to support insulation. Usage intent and compatibility must be checked by the designer with the insulation manufacturer.

General

- Constructed of 2mm high tensile galvanised steel wire.
- Longitudinal wires are spaced at 150mm centres with cross wires spaced at 300mm centres forming a rectangular shape.
- Roof application only for fall protection and underlay support.
- Ausmesh is not subject to a warning or ban under section 26 of the Building Act 2004 when used as per the product scope.

Limitations

- **Only** to be used in enclosed buildings.
- Not recommended for use for exposed structures such as canopies or awnings as it will compromise the durability of the roof safety mesh.

- Not recommended for use for coastal or seashore and high internal moisture loading buildings.
- Must be protected during storage and NOT to be exposed to sunlight, dust, rain or other weather elements.
- Where practicable, same day coverage by roof cladding is recommended.

Compliance

- Ausmesh complies to AS/NZS 4389:2015 standard (Roof Safety Mesh).

Durability

Meets the Performance Requirements outlined in AS/NZS 4389:2015 standard providing;

- It is not damaged.
 - Is installed in accordance with instructions.
 - Is installed by or under guidance of Licensed Building Practitioners.
 - Is compatible with building structure materials used*.
- * **Note:** Specifiers and product user must test for building structure materials' compatibility with Ausmesh before installation.

Product Warranty

Ausmesh is covered by the standard Kingspan Insulation Warranty. Refer to Kingspan Insulation Warranty statement for further details. This is available online at thermakraft.co.nz or call **0800 806 595**.



0800 806 595
www.thermakraft.co.nz

Thermakraft and Ausmesh products are brought to you by Kingspan Insulation NZ Limited.

