

# 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. Available with PVC coating for high corrosive or aesthetic applications.

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

1800mm x 50m	Available cut to length*	Available PVC Coated - Black and White
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 Covertek 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.

### 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. Check with Kingspan if Ausmesh PVC is suitable.
- NOT to be exposed to sunlight, dust, rain or other weather elements. Recommended same day coverage by roof cladding.

### 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](http://thermakraft.co.nz) or call **0800 806 595**.



**0800 806 595**  
**[www.thermakraft.co.nz](http://www.thermakraft.co.nz)**

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

