

Thermakraft™

AUSNET

AUSNET is a hexagonal galvanised steel wire mesh for use on timber and steel framing to support roof underlays, foils and glass wool insulation. The product consists of a pattern of woven flat 75mm hexagonal shape galvanised mild steel wires.

- ✓ Provide robust and even support for roofing underlays, foils and glass wool insulation.
- ✓ Wires heavy galvanised coating to 150g/m² to maximise the overall product durability.
- ✓ BRANZ appraised.
- ✓ Can be installed on timber and steel framing.
- ✓ Wire conforms to Class W10 of AS/NZS 4534:2006 standard.
- ✓ Dual edge wires for ease of installation.



AS/NZS Standard



HEXAGONAL NETTING

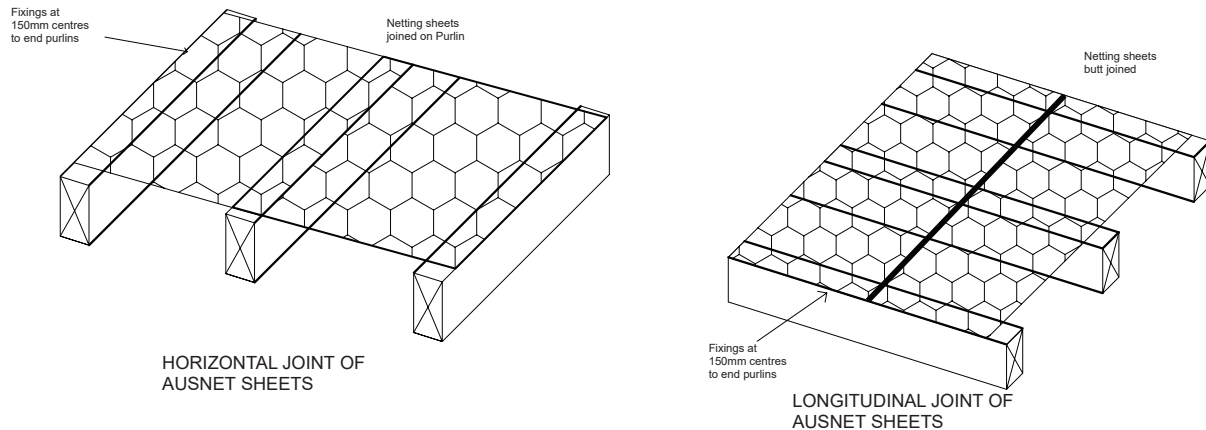
BRANZ Appraised
Appraisal No. 1029 [2018]

PRODUCT APPLICATIONS AND SCOPE

AUSNET (75mm mesh size) is for use on both timber and steel framing as a support for roofing underlays, foils and insulation under roof claddings. Roofing underlay includes synthetic membranes and traditional bituminous building paper.

Thermakraft Hexagonal Wire Mesh has been appraised for use on timber and steel framing to support roof underlays, foils and insulation within the following scope:

- The scope limitations of NZBC Acceptable Solution E2/AS1, Paragraph 1.1 with regards to building height and floor plan area; and,
- With masonry tile roof cladding; and,
- With all roof types a roof pitch not less than 3°; and,
- Situated in NZS 3604 Wind Zones up to and including Extra High.



INSTALLATION INFORMATION

AUSNET must be run horizontally or vertically continuously across roof rafters, top truss chords or across purlins and be fixed in place. Joining between cut sheets along roof rafters, trust chords or purlins must NOT be carried out as sharp cut wire edges can pierce or puncture the roof underlay.

To fix AUSNET onto timber framing, use stainless steel staples, galvanised flat head clouts or fencing batten staples that are at least 25mm in length.

To fix AUSNET onto steel framing, use Class 4 to AS3566.2:2002 requirements or stainless steel self-tapping screws. Note, the self-tapping screw must project through the steel frame by at least 10 mm.

The fixing location of screws, flat head clouts, fencing batten staples or stainless staples must NOT be directly through the mesh's wire twist points as this can result in damaging the steel wire.

At the wire mesh ends, fixing must be applied at 150mm intervals so that the mesh cannot be pulled through the fixings.

This needs to be read in conjunction with the technical literature and the BRANZ appraisal.

TECHNICAL SPECIFICATIONS

AUSNET 75MM HEXAGONAL MESH IS NOT A SAFETY NETTING.

Architects or building material specifiers are responsible for the building design and for the incorporation of Thermakraft AUSNET Hexagonal Wire Mesh into their design in accordance with the declared properties and the instructions of Thermakraft Limited.

THERMAKRAFT PRODUCT CODE	WIDTH	MESH SIZE	WIRE DIAMETER	LENGTH	AREA	COATING WEIGHT
AUSNET200075050	2m	75mm	1.00mm	25m	50m ²	150g/m ²
AUSNET200075100	2m	75mm	1.00mm	50m	100m ²	150g/m ²

The steel wire used to manufacture AUSNET is 1.0mm diameter wire and is galvanise coated to 150g/m². This strictly conforms to the W10 wire coating class in the AS/NZS 4534:2006 standard.

DURABILITY

AUSNET 75mm hexagonal mesh meets the following coating requirements:

- AS/NZ 4534:2006.

Thermakraft™



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THERE IS NO SUBSTITUTE

The recommendations contained in Thermakraft's literature are based on good building practice, but are not an exhaustive statement of all relevant information and are subject to any conditions contained in the Warranty. All product dimensions and performance claims are subject to any variation caused by normal manufacturing process and tolerances. Furthermore, as the successful performance of the relevant system depends on numerous factors outside the control of Thermakraft (for example quality of workmanship and design), Thermakraft shall not be liable for the recommendations in that literature and the performance of the Product, including its suitability for any purpose or ability to satisfy the relevant provisions of the Building Code, regulations and standards. Literature subject to change without notification. Latest documentation can be found on the website.