WARATAH®

FIRST - BECAUSE IT LASTS.

WARATAH ROOFSAFE® MESH

- A galvanized welded mesh product that meets all the requirements of AS/NZS 4389-2015 Safety Mesh.
- Long lasting, reliable and cost effective.
- Roofsafe Safety Mesh offers long term protection for workers when securely fixed to the structure over the area to be roofed and used in conjunction with appropriate edge and perimeter protection.
- Specifically designed to support insulation and to help prevent employees from serious injury or falls during sheet laying and any future maintenance work.

SPECIFICATIONS	PRODUCT DETAILS			
Roll Width	180cm	180cm	225cm	225cm
Roll Length^	50m	10m-150m Cut to length	50m	10m-150m Cut to length
Wire Diameter	2mm	2mm	2mm	2mm
Mesh Size	300 x150mm	300 x150mm	300 x 150mm	300 x 150mm
Tensile	500-700 MPa	500-700 MPa	500-700 MPa	500-700 MPa
Coating	Galvanised	Galvanised	Galvanised	Galvanised

*AS/NZS 4389-2015 Safety Mesh Requires a minimum of 450 MPa for transverse wires and 500 MPa for longitudinal wires.

^ Minimum order length for "Cut to Length" product is 300 lineal metres.

Features & Benefits:

Roofsafe Mesh can be used in a range of applications including factories, warehouses, schools, office blocks and shopping centres.

Exceeds minimum tensile requirements: Waratah Roofsafe Mesh exceeds the 450 MPa transverse wire tensile requirement at 500-700 MPa making it a stronger and safer mesh for your workers.

Continued protection:

Waratah Roofsafe Mesh retains insulation materials and continues to provide protection after roof construction.

Zinc coated:

Corrosion resistant mesh provides maximum corrosion protection against all types of weather.

Exceeds Australian Standards:

Waratah Roofsafe Mesh complies with the requirements of Australian Standard AS 4389-2015 for safety mesh with galvanised coating grade W02Z. Roofsafe Mesh complies with all Australian State and Territory Codes of Practice (Safe Work on Roofs Part 1: Commercial and Industrial Buildings) and is guaranteed by InfraBuild Wire. InfraBuild Wire has ISO 9001:2008 and ISO 14001:2004 certification. Certificates of Roofsafe Mesh compliance to AS 4389-2015 are available on request.

Australian Made:

Using quality, high grade Australian made steel ensures strong, secure joints. Provides uniform strength and consistent quality over the length of the mesh ensuring high levels of worker security.



FIG. 1

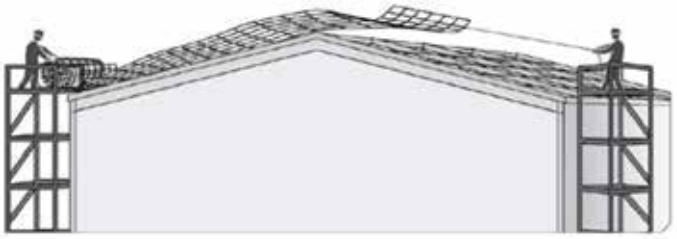
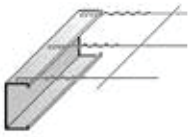
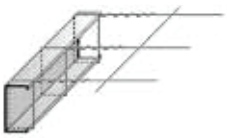


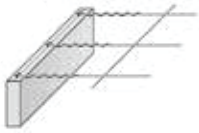
FIG. 2 Crosswire or transverse wire should face up and longitudinal wire should face down. Wire shall be pulled taut allowing for natural sag only.



Longitudinal wires passed through holes drilled through purlins



Longitudinal wires wrapped around steel or wood purlin.



Longitudinal wires passed through 40mm long x 3.5 diam. staples

FIG. 3

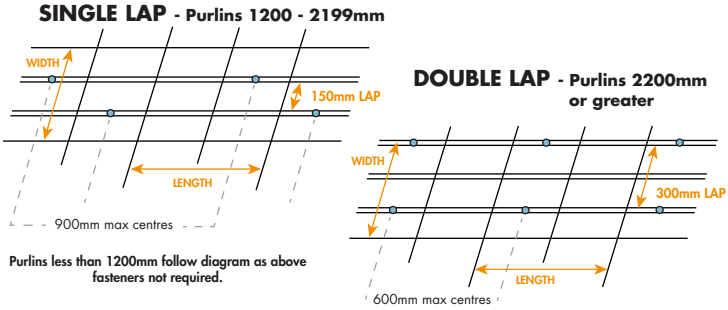
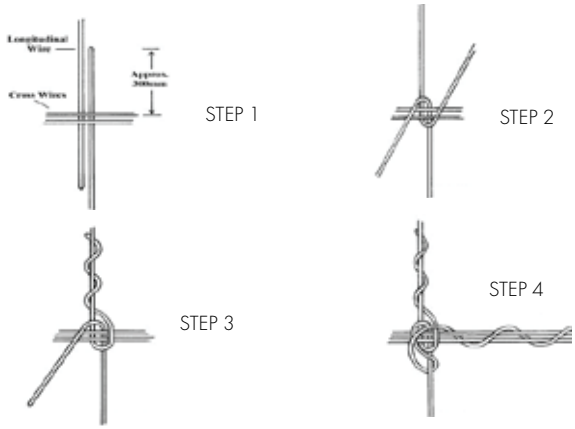


FIG. 4



When installing Roofsafe safety mesh, the method used must be safe. InfraBuild Wire recommends safe practice at individual employers discretion.

APPLICATION METHOD:

The AS/NZS 4389: 2015 must be referred to for the full installation requirements and fixing details.

INSTALLATION (FIG. 1):

One such method for installation of safety mesh is shown in Figure 1.
The mesh is cut to the correct length and is then run out over the roof using a continuous rope system.

ANCHOR POINTS (FIG. 2):

Pass all longitudinal wires around, or through anchor points, twisting the tail of each wire four times around the main portion of the same wire (see below). Alternatively, wrap each longitudinal wire around hollow section purlins. Importantly, the longitudinal wires must be tied off with at least four full turns around the longitudinal wire as shown.

SIDE OVERLAPS (FIG.3):

For purlin spacing less than 1200mm, the runs of mesh shall be side-lapped by a minimum of one mesh spacing (150mm). If purlin space is between 1200 and 2200mm, the runs of mesh shall be overlapped by a minimum of one mesh spacing and side laps fastened at a maximum of 900mm centres.
For purlin spacing greater than 2200mm, the runs of mesh shall be overlapped by a minimum of two mesh spacing (300mm) and side laps fastened at a maximum of 600mm centres between each Purlin. The overlap shall be secured with ring fasteners fabricated from miminum 1.90mm wire (see left). This is a vital process to ensure that the adjacent lengths of mesh don't part, thereby allowing a worker to fall between the two if should they fall onto a join.

JOINING ROLLS/SECTIONS (FIG. 4):

If it is necessary to make longitudinal joins, the knot and the tie should be the full length of the tail wire, which should be 300mm in length. Place the two cross/transverse wires together twisting the longitudinal tail wires around each other. The join must be the full width of the mesh, and every longitudinal wire must be joined. Twist one longitudinal wire four times around the main portion of the same wire. Twist the other longitudinal wire once around the main portion of the same wire and then four times around the two cross/transverse wires (see left). This is important, as the safety mesh may need to support not only the person who is in difficulty, but also others who may be required to assist them.

Available from your Roofsafe® Distributor

For more information on Roofsafe Galvanized mesh contact
Waratah Fencing Sales & Service: 13 10 80
Web: www.waratahfencing.com.au

Roofsafe® galvanized mesh manufactured by InfraBuild Wire conforms to AS/NZS 4389:2015 Safety mesh, and the requirements for safety mesh stated within WorkCover's Code of Practice - Safe work on roofs - Part 1 Commercial and Industrial buildings 2009. August 2024

Certified System
Quality
ISO 9001
SAI GLOBAL

Certified System
Environment
ISO 14001
SAI GLOBAL