

GOWELD

Architectural Welded Mesh Gabion



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GEOWELD

ARCHITECTURAL GABIONS

Manufactured in mild steel to a minimum wire coating of 290 grams per m² which is Aluminium 10% and Zinc 90%. The mesh is manufactured in Australia to meet gabion specification ASTM 974-97.

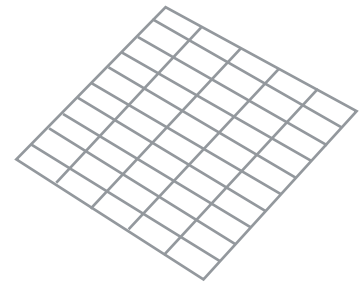
GEOWELD has a high Aluminium content (10%) coating which over time turns the mesh into a darkish grey colour. This has the benefit of absorbing light rather than reflecting it.

Especially apparent when viewing a wall from an angle, the rock is more visible and the mesh less so. Using a highly reflective finish such as plain gal, results in the mesh being more visible to the eye when viewing at angles.

When calculating cage sizes take into account that lengths, widths will be usually be in increments of 100mm and heights 50mm. This is based upon it being more common for 100mm in the horizontal plane. Sometimes it is desirable to place the 100mm vertically (e.g. if a high wall this may be done to deter climbing).

WELDED GABION PANEL

Size	Part Description	Product Code
0.5m	500mm x 500mm	WGP-0500-0500
1.0m	1000mm x 500mm A	WGP-1000-0500-A
1.0m	1000mm x 500mm B	WGP-1000-0500-B
1.0m	1000mm x 1000mm	WGP-1000-1000
2.0m	2000mm x 500mm	WGP-2000-0500
2.0m	2000mm x 1000mm	WGP-2000-1000



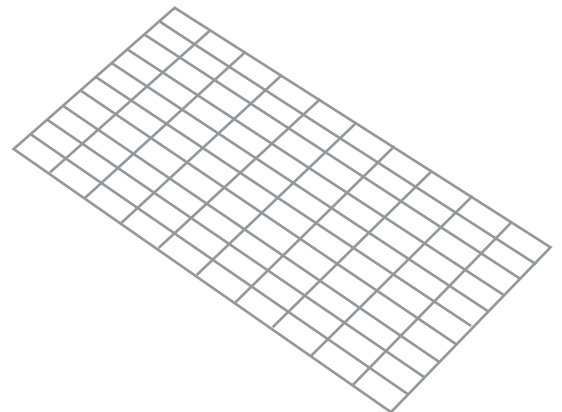
Typical 500mm x 500mm panel

STIFFENER & SPIRALS

Type	Part Description	Product Code
Stiffener	510 x 4mm AL-Ten (Single)	WGST-0510-0004
Spiral	500 x 4mm AL-Ten (Single)	WGST-0500-0004
Spiral	1000 x 4mm AL-Ten (Single)	WGST-1000-0004

C RINGS

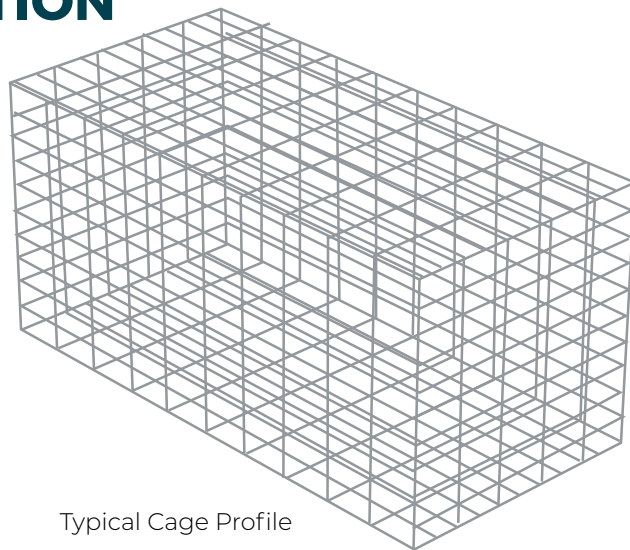
Type	Part Description	Product Code
C Ring	Galvac - 1600/box	RINGSGM
C Ring	Stainless Steel - 1600/box	RINGSSS



Typical 1000mm x 500mm B panel

GEOWELD WIRE SPECIFICATION

Aperture	100mm x 50mm x 4mm)
Wire diameter (average)	4.01
Wire diameter tolerance	+/- 0.08mm
Wire coating (average)	337g/m ²
Ultimate tensile strength (wire, average)	442 MPa



Typical Cage Profile

Gabion, AL-TEN (Al 10%, Zn 90%), Australian manufactured weld mesh.

Production values indicated (average based on 25 tonnes).

ACCESSORIES

C rings connection:



- This connection method requires a gabion C ringer tool (available for rental or purchase)
- 3mm diameter x 45mm (widest point)
- Tensile strength 1380 - 1660 MPa



Spiral connection:



- Spirals are one method to connect panels to build a gabion cage.
- Spirals are the strongest connection method. Spiral cage joiners are also supplied (larger diameter than standard spirals)



Stiffener (braces):



- Stiffeners are placed inside the cage to give cage rigidity
- In addition to stiffeners we offer lacing wire





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GEWELD



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