



GabionZ baskets,
New Zealand's choice for all
landscaping and geotechnical projects

**UNITED
STEEL**

Stay strong.

GabionZ baskets are made of high quality welded wire mesh panels, galvanised, and available in a range of standard sizes or made to your specification.

Because they are designed and manufactured here in New Zealand you can be assured of short lead times.

Another reason to choose **GabionZ**



Welded Gabion baskets

- GabioNZ are made up of high quality welded wire mesh panels. The panels are assembled together by the use of helical formed spirals. It is supplied in a flat pack.
- They can be filled on site with hard durable stone materials to form mass gravity retaining structures or with decorative stones to enhance the landscape.
- In comparison with woven wire gabions, welded gabion baskets offer a higher strength and are quick and easy to assemble.
- The standard panels are 75mm x 75mm apertures from 4mm wire. In order to meet different project requirements, various wire diameters and unit sizes are available for welded gabion boxes.
- It is available in either black or galvanized finish. It can also be powder coated if required.
- Various decorative stones can be used to achieve required appearance.



Standard sizes

- 2m x 1m x 1m
- 2m x 1m x 0.5m
- 1m x 1m x 1m
- 1m x 1m x 0.5m
- 1.0m x 0.5m x 0.5m
- 0.5m x 0.5m x 0.5m

Major applications of Welded Gabion baskets

- Retaining wall structures.
- Decorative fence walls.
- Prevention of current scour and erosion control.
- Bridge protection.
- Hydraulic structures, dams and culverts.
- Embankment protection.
- Rockfall prevention and soil erosion protection.
- Landscaping.



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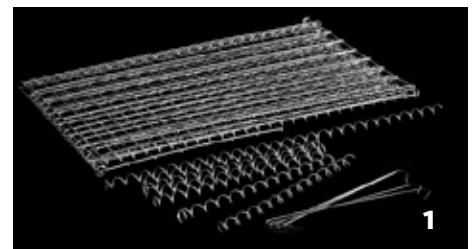
Welded Gabion baskets components

- GabionNZ are supplied in a flat pack and include the panels, helical formed spirals and stiffener wires.
- They are lightweight and easy to handle

The tools needed:

- 2 heavy duty pliers for locking helicals and stiffeners in place.
- As well as following your own procedures for health and safety, it is essential to wear gloves and eye protection when assembling these products.

NB The amount of Gabion rock or stone required is typically two tonnes per M³.



Assembly of GabionNZ



our easy assembly steps...

- 1** After checking you have all the components, open out the mesh panels.
- 2** Lift the side panels into vertical position and join by feeding the correct length of helical formed spiral into the corner, using a rotating action, until the helical is fully engaged.
 - > When the helical is fully engaged, the formed end should lock in place.
- 3** All panel joints (vertical joints) are formed by assembling to the adjacent panel. Each joint is retained with one helical.

Not shown: When all vertical panels are assembled, partly fill the gabion with the graded stones and install the stiffener wires.

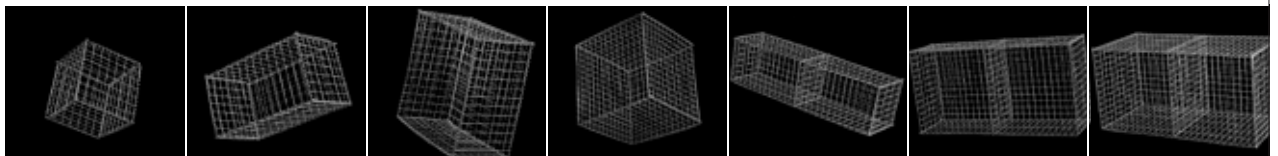
- 4** Repeat the filling and stiffener wire installation until the gabion is full and then close the lid by joining with the correct helical while ensuring the top mesh bears down on the rock fill.

For a complete breakdown of assembly instructions that cover all applications, please visit the United Steel website at www.unitedsteel.co.nz

GabionZ modular systems are engineered welded wire mesh products designed and made here in New Zealand. Use **GabionZ** for: landscape, architectural and geotechnical applications; earth retention and soil stabilization; erosion and flood control.



Our standard welded gabion basket range are all made with 4mm wire at 75mm apertures



Product Code	G75/4/A	G75/4/B	G75/4/C	G75/4/D	G75/4/E	G75/4/F	G75/4/G
Width	500	1000	1000	1000	2000	2000	2000
Depth	500	500	1000	1000	500	1000	1000
Height	500	500	500	1000	500	500	1000

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