



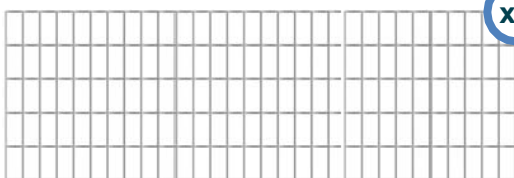
Gabion - 150x50x50cm

10x5 cm mesh size - clip assembly

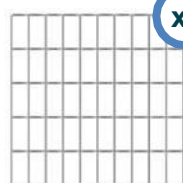
Composition

Panels

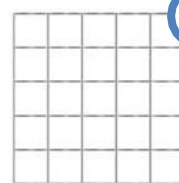
Panel 150x50cm



Panel 50x50cm

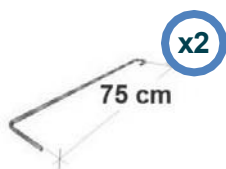


Panel 50x50cm
mesh 10x10cm

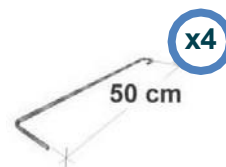


Stiffeners

Stiffener 75cm



Stiffener 50cm



Assembly



Clips CL40
(bag included in the set)

One clip every 10 cm

Requires a specific tool

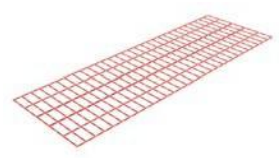




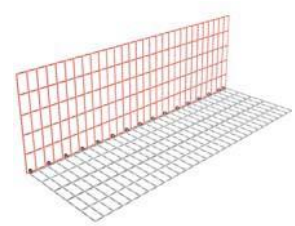
Gabion - 150x50x50cm

► Assembly steps

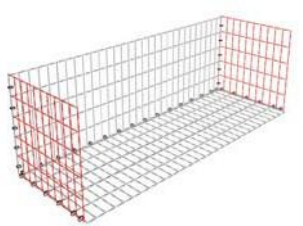
1 Installation of the panel



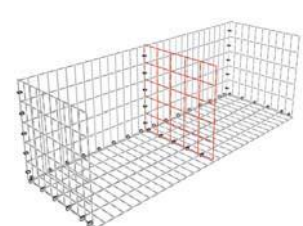
2 Assembly of the rear panel



3 Assembly of the side panels



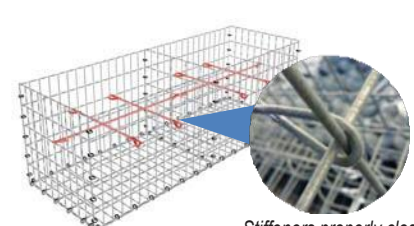
4 Assembly of the diaphragm



5 Assembly of the front panel

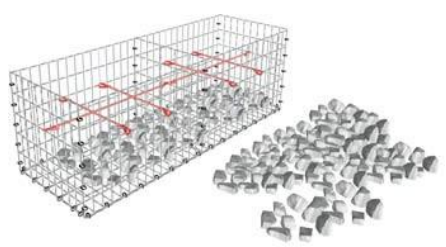


6 Assembly of the stiffeners

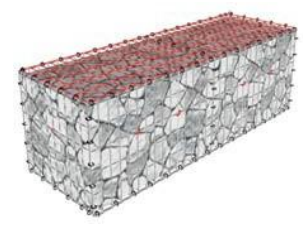


Stiffeners properly closed at the welded cross points

7 Filling of the gabion



8 Installation of the lid
Closing of the gabion



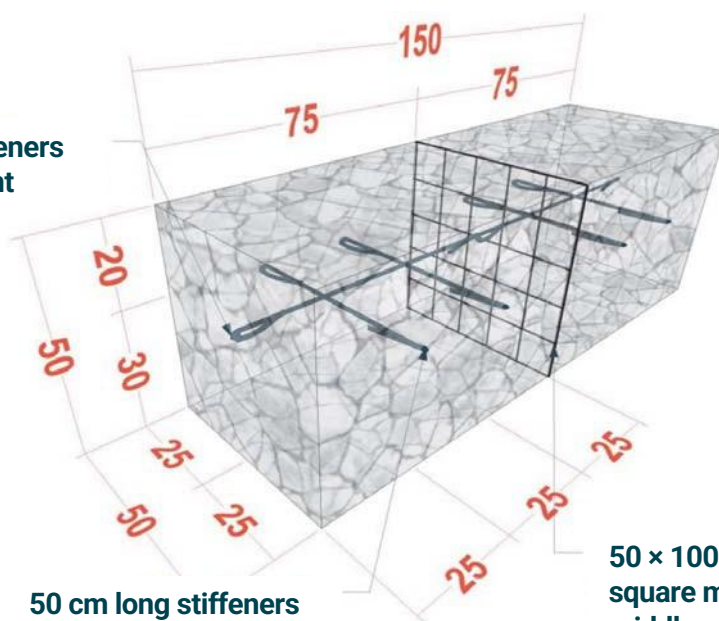


Gabion - 150x50x50cm

► Assembly of the stiffeners

► Perspective view

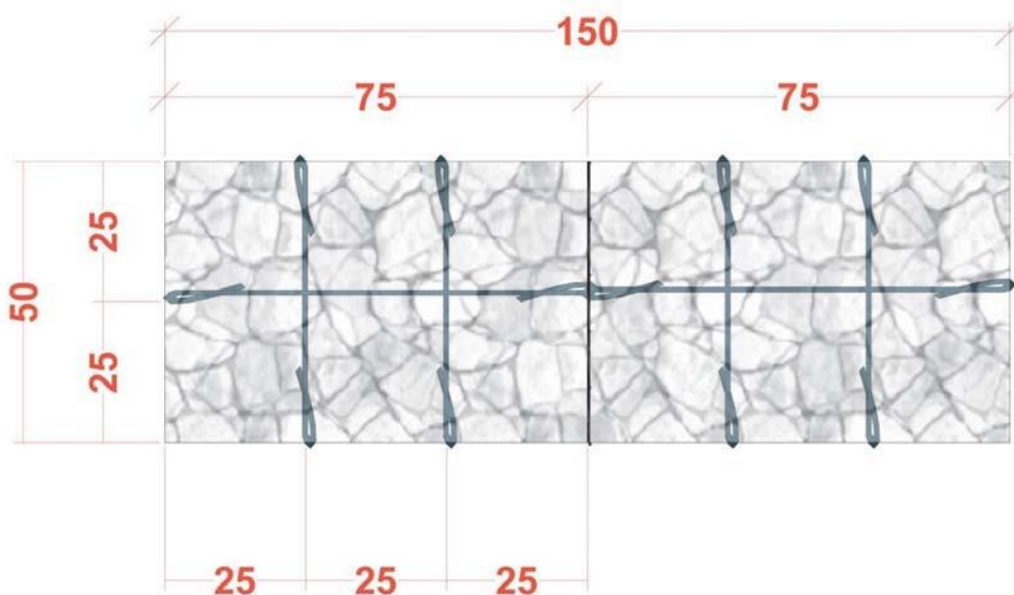
75 cm long stiffeners per compartment



50 cm long stiffeners per compartment

50 × 100 cm panel with square mesh placed in the middle of the gabion, dividing the module into two compartments.

► Top view



Gabion - 150x50x50cm

👁 Instructions



Guideline :

The use of gabions for the construction of retaining structures, walls, and facing works requires appropriate technical studies, including soil investigation and structural design. The manufacturer cannot be held liable for any damage or failure resulting from improper use of the product or from the absence of such studies.

The manufacturer remains available to support project stakeholders by carrying out comprehensive services, including geotechnical investigations and structural design.



Safety instructions :



- Handle using compliant PPE (helmet, gloves, safety shoes)
- Use suitable lifting and earthmoving equipment
- Ensure proper site protection



Site preparation and construction :

- Comply with good engineering practice for earthworks, drainage, and construction.
- Prepare a frost-free foundation (concrete or compacted gravel, depending on soil conditions and the size of the structure).
- Install a highly permeable anti-contamination geotextile behind retaining walls.
- If water ingress is expected, provide an appropriate drainage system.
- Backfill using free-draining materials.



Filling:

- Stone size between 80 and 130 mm.
- Use frost-resistant rock.
- Protect the stiffeners with timber boards when filling with an excavator.
- Eliminate voids as much as possible.
- Manually arrange the visible faces.