

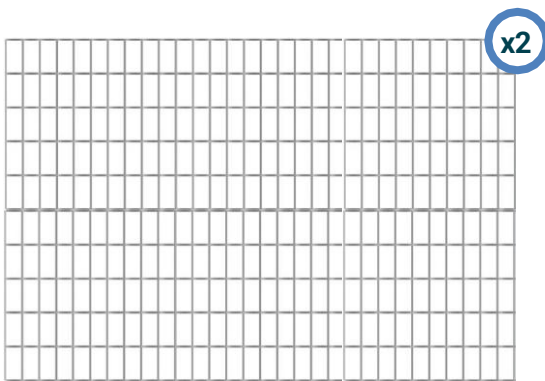
Gabion - 150x50x100cm

10x5 cm mesh size - clip assembly

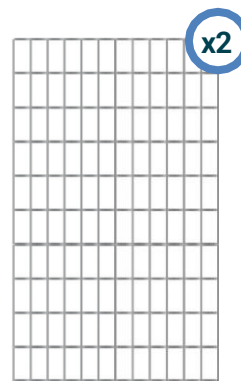
Composition

Panels

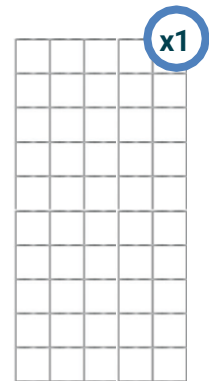
Panel 150x100cm



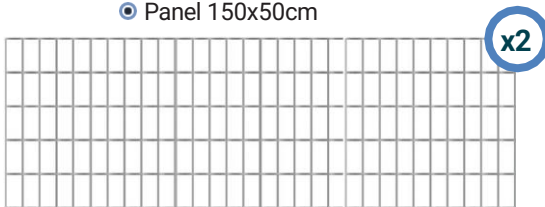
Panel 50x100cm



Panel 50x100cm
mesh 10x10cm

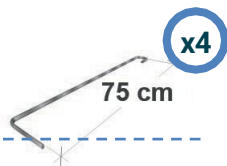


Panel 150x50cm

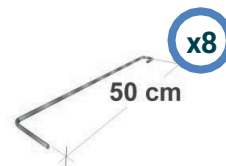


Stiffeners

Stiffener
75cm



Stiffener 50cm



Assembly

One clip every 10 cm

Clips CL40
(bag included in the set)



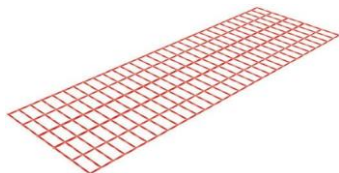
Requires a specific tool



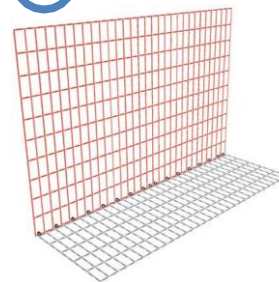
Gabion - 150x50x100cm

Assembly steps

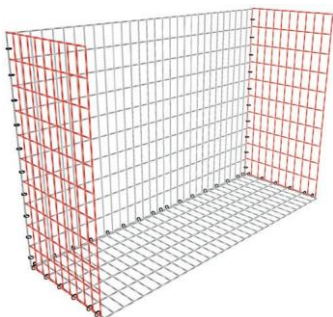
1 Installation of the base panel



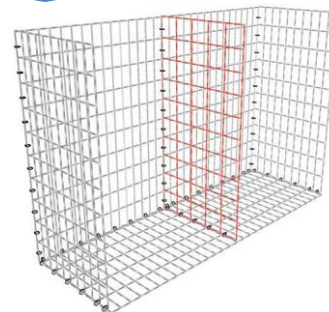
2 Assembly of the rear panel



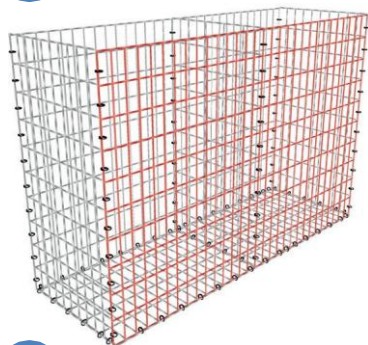
3 Assembly of the side panels



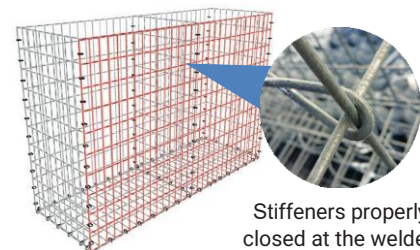
4 Assembly of the diaphragm



5 Assembly of the front panel

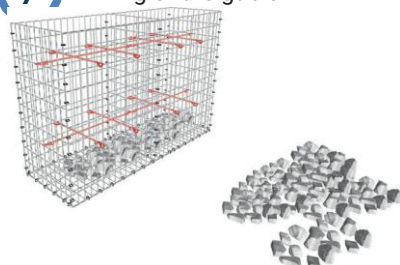


6 Assembly of the stiffeners

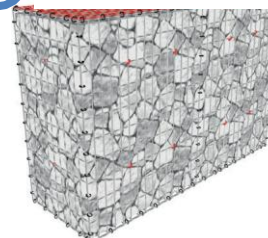


Stiffeners properly closed at the welded cross points

7 Filling of the gabion



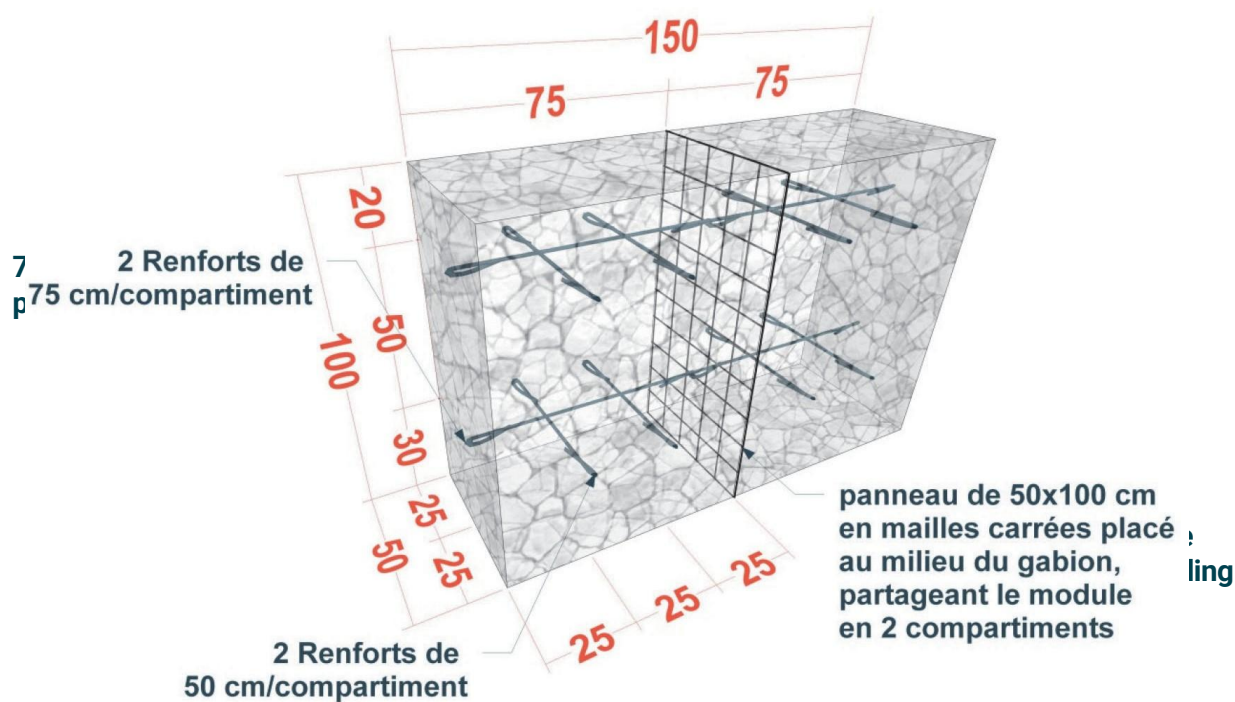
8 Installation of the lid
Closing of the gabion



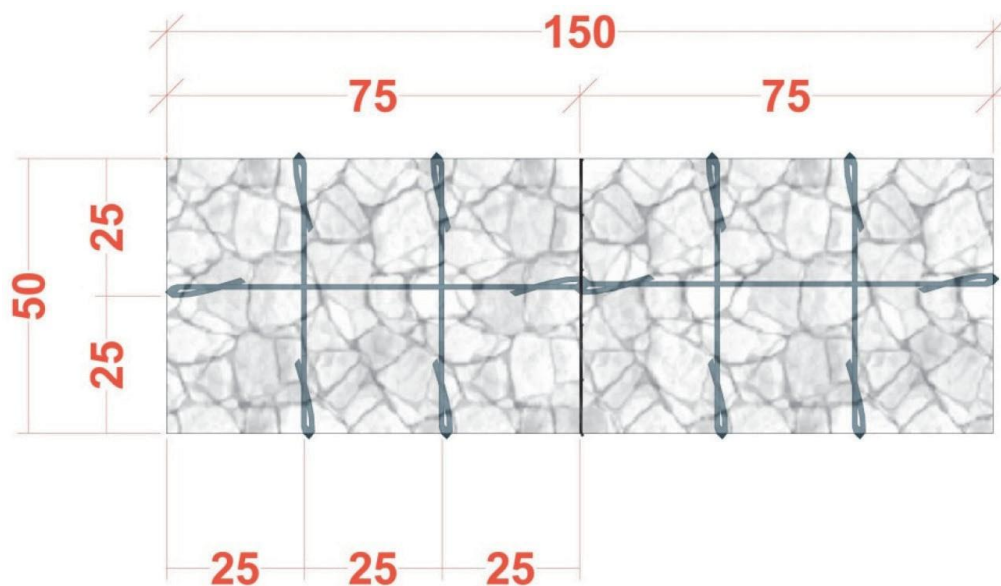
Gabion - 150x50x100cm

Assembly of the stiffeners

Perspective view



Top view



Gabion - 150x50x100cm

► 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.