



ASSEMBLY INSTRUCTIONS

DEFENCE GABION BASKETS

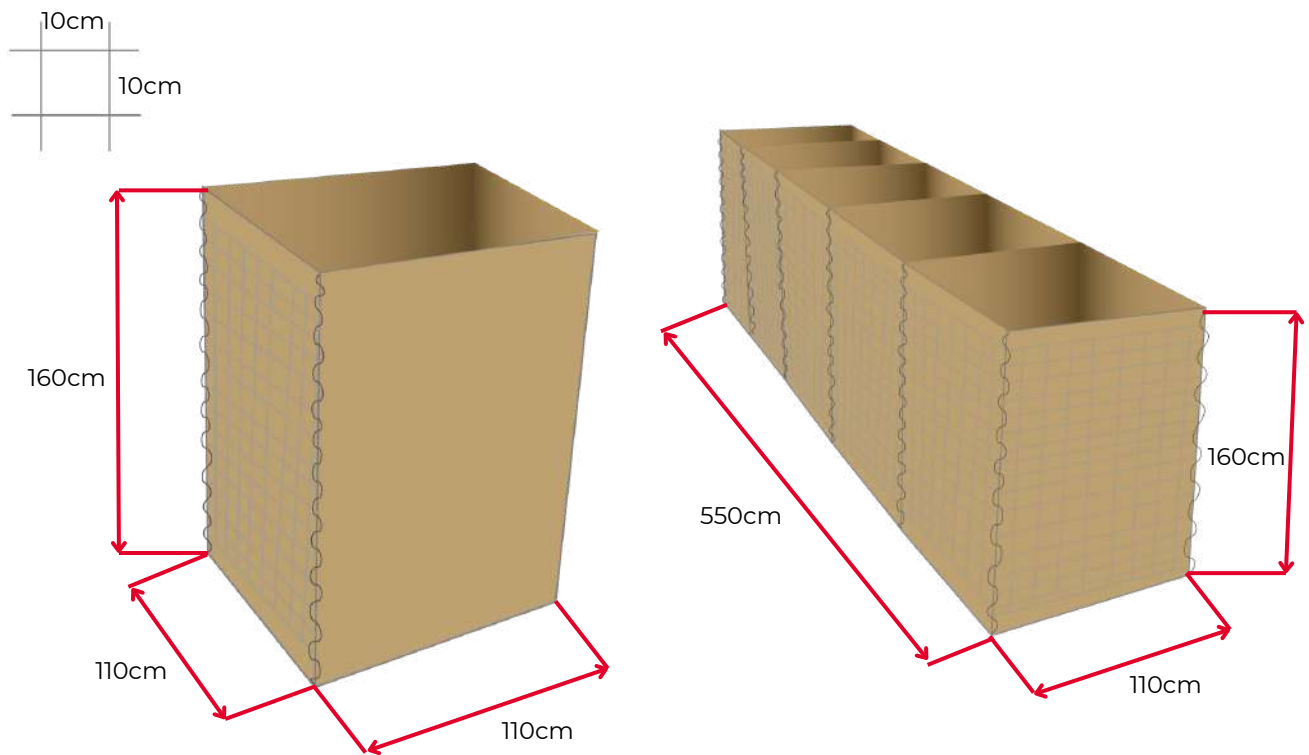


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DESCRIPTION OF THE DEFENCE GABION BASKET



Specification of the basket:

- Height: 160 cm
- Width: 110 cm
- Depth: 110 cm
- Construction: welded wire mesh panels lined with geotextile
- Design: two opposite side walls divided into two sections with factory-installed spiral wires for folding and quick assembly
- Module: 5 baskets factory-connected for rapid deployment
- Connections: modules connected with wire rods (included)



Tools and materials required:

- Protective gloves and safety glasses
- Pliers or a wire-twisting tool (for final securing)
- Stakes or rebar rods (optional, for positioning on soft ground)
- Filling material (stone, gravel, sand, or soil)
- Lifting equipment (optional, for moving pre-connected modules)

ASSEMBLY STEPS

SITE PREPARATION

- Choose a stable, level location for assembly.
- On soft ground, consider laying a layer of geotextile to prevent the structure from sinking.



POSITIONING THE PRE-CONNECTED BASKETS

- Move the module consisting of 5 connected baskets to the installation site.
- Arrange the baskets according to the planned defensive wall layout.
- Ensure that all baskets are upright and properly aligned.

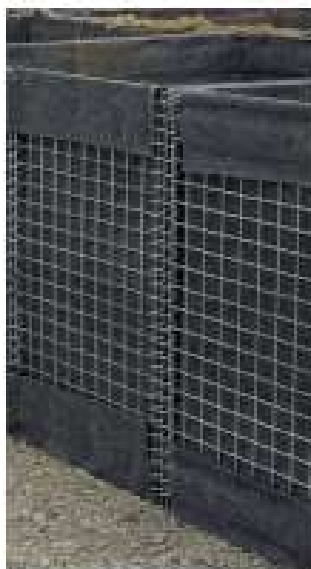


UNFOLDING AND SHAPING THE BASKETS

- Unfold the pre-connected baskets along the planned line.
- The divided side walls are already connected with factory-installed spiral wires – no assembly is required.
- Adjust the baskets so that each compartment is even (square-shaped) and stable.

CONNECTING MULTIPLE MODULES

- Align the end panel of the first module with the starting panel of the next module.
- Insert the supplied wire rods vertically through the overlapping spiral wires.
- Push the rod completely from top to bottom, ensuring that the mesh remains aligned.
- Repeat for all module connections to create a continuous barrier.



SECURING THE ALIGNMENT OF THE BASKETS

Use stakes or rebar rods at the corners and ends before starting to fill, to maintain straight walls. Ensure that the baskets remain upright.

FILLING THE BASKETS

- Start filling with stone or the chosen material, ensuring even distribution throughout the baskets.
- Fill in layers of 30–50 cm, checking the alignment of the baskets after each layer.
- Avoid dumping material on only one side – fill evenly along the entire length.



FINAL INSPECTION

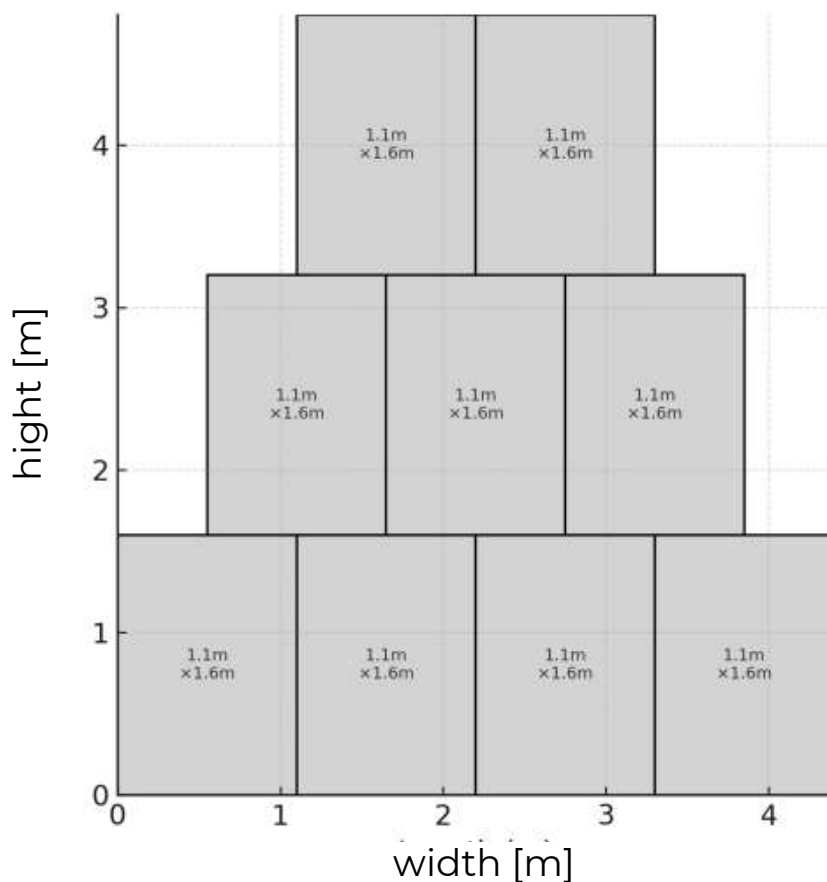
- Confirm that the baskets are completely filled and the liners are intact.
- Check all rods connecting the modules and the previously installed coil fasteners.
- If the structure is freestanding, close the top with a final layer of material for additional stability.
- Depending on the design, you can now install the next layer.

ASSEMBLY GUIDELINES

- Factory-installed wire coils mean there is no need to assemble the walls on site — simply unfold and fill them.
- Transport modules in their folded form to save space.
- Use the supplied wire rods for quick and secure module connections.
- Assemble in connected sections for greater strength; if necessary, reinforce corners with additional coils or rods.

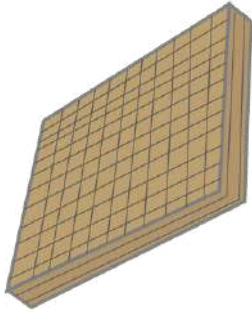
DEFENSIVE GABION BASKET WALL

4-3-2 IN A STEPPED PYRAMID FORMATION

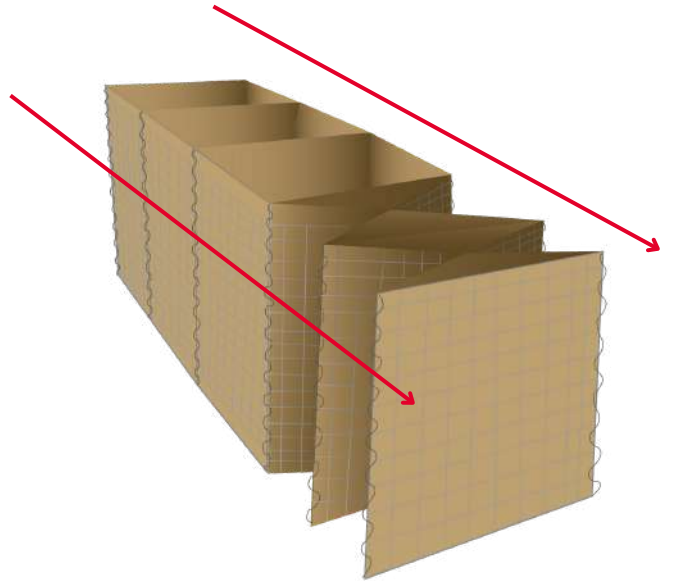


ASSEMBLY PROCEDURE

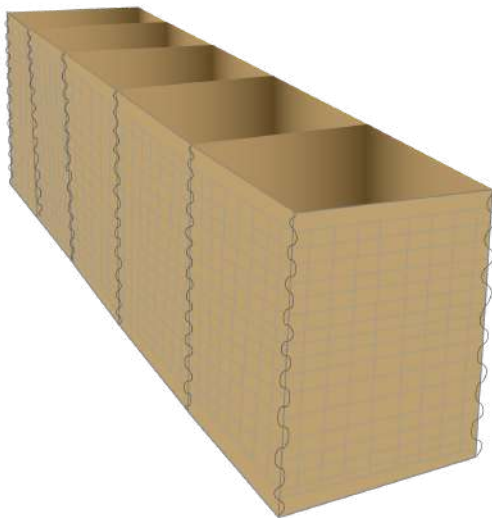
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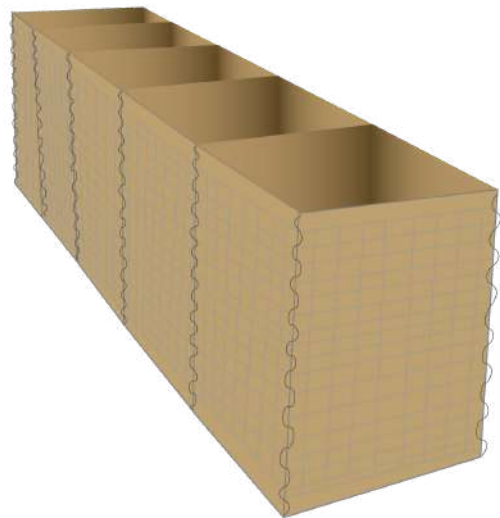
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3



4



We fill with gravel, soil, or sand.

