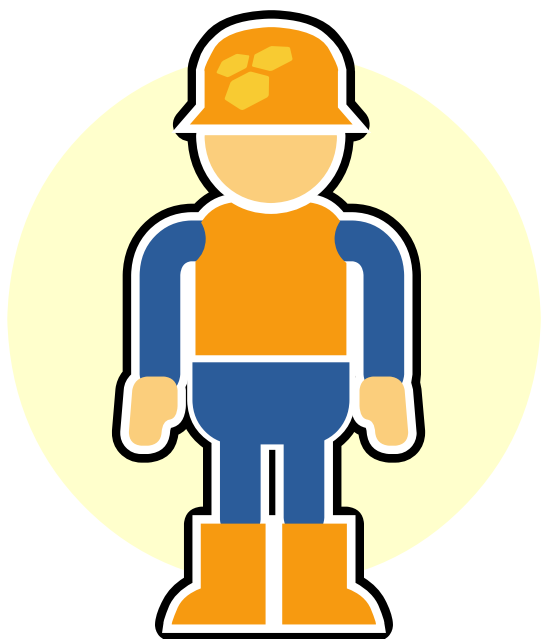




GAVION

How to assemble a Gavion

0.



Instructions

Gabions are delivered in compressed packages containing a variable number of units depending on the gabions' size. Each package is labeled clearly identifying the type, number and size of gabions. The packages must be opened carefully by cutting the wire fasteners.

 **Home**



For Wire Rock Mattresses, similar principles apply as follows, unless noted otherwise.

Disclaimer

It is opportune to emphasize the point that if we have provided a design suggestion, it is for evaluation purposes only - it is not to be considered a full design as we are not consulting engineers. We have minimal control over the installation and use of our products, and have limited knowledge regarding your project specific site conditions. As a result, we accept no responsibility for design verification and no warranty is implied or granted in any suggestion or design or assistance we may give. Accordingly, we recommend that complete engineering design be performed by a suitably qualified engineer.

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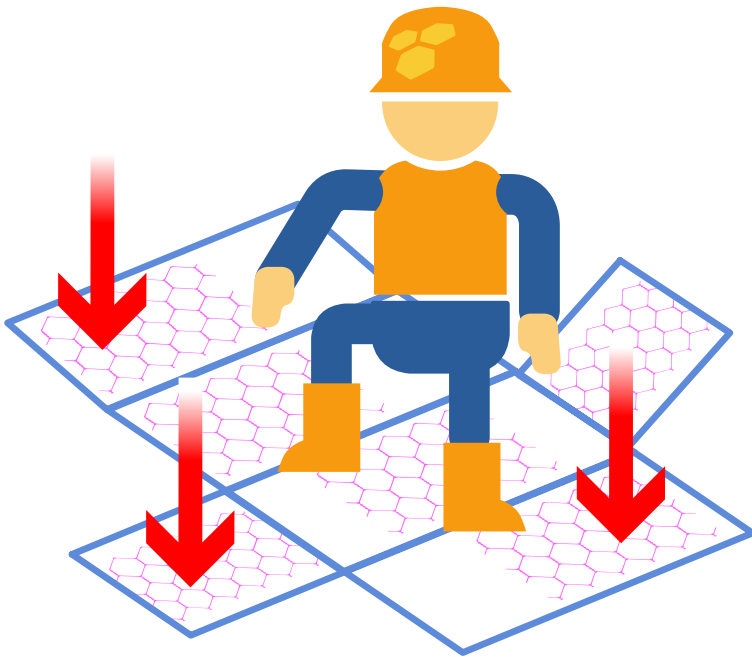
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GAVION

How to assemble a Gavion

1.



Gabions are delivered in compressed packages containing a variable number of units depending on the gabions' size. Each package is labeled clearly identifying the type, number and size of gabions. The packages must be opened carefully by cutting the wire fasteners.

 **Home**



For Wire Rock Mattresses, the mattress base is SEPARATE to the mattress lid. UNFOLD the units as shown above.

Internal diaphragm panels are also nominally attached to the base @ 1m c/c.

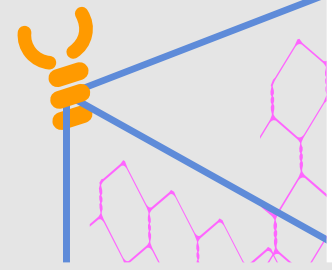
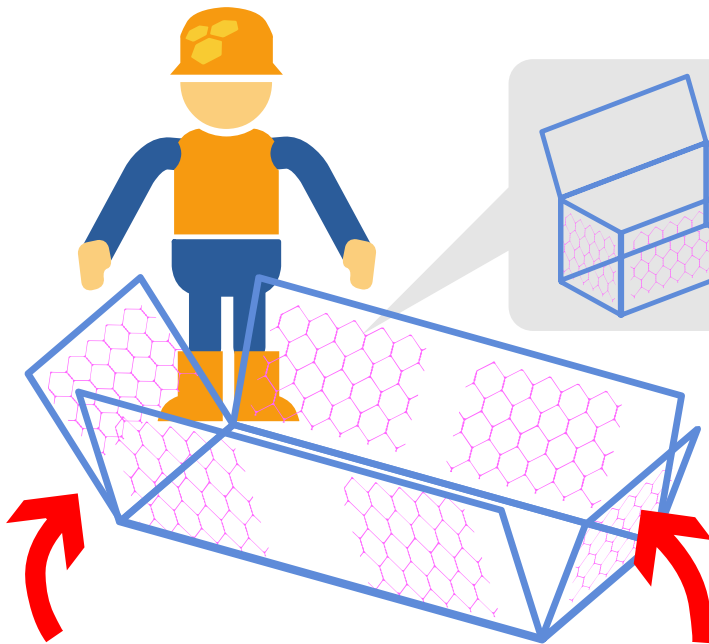
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GAVION

How to assemble a Gavion 2.

2.



To assemble, take one unit and unfold it trying to get an even sized surface. Work in an open area devoted only to this task.

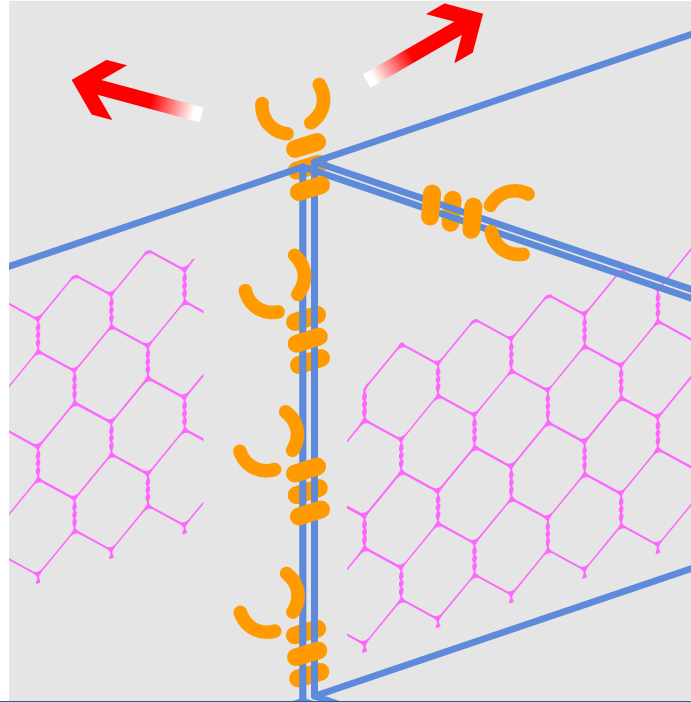
 **Home**



For Wire Rock Mattresses, similar principles apply as above. Connect the corners first and then the edges to achieve a square finish.

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Assemble the gabion by joining the side walls and the diaphragms. Use the wire attached to the corners. For safer assembly, tie parts independently. This is not only more efficient than length-wise tying but also makes placing easier.



For Wire Rock Mattresses, similar principles apply as above, unless noted otherwise. □
 An alternate SINGLE loop, DOUBLE loop tying method is adopted for every edge aperture for □
 gabions & mattresses. Internal DIAPHRAGMS must also be laced together to the external frame.

□

NOTE: A pneumatic lacing tool is also available for hire, used in conjunction with lacing RINGS.
 Please contact Polyfabrics for further details.

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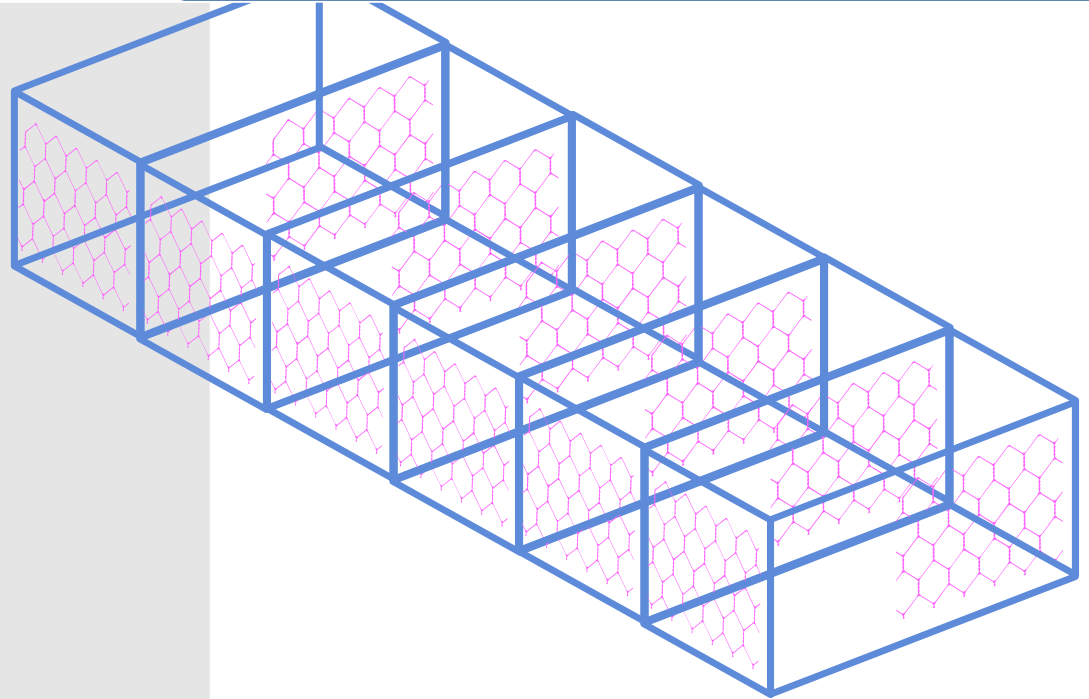


GAVION

How to assemble a Gavion

4.

Once the gabions has been assembled, move it to its final location.



 **Home**



For Wire Rock Mattresses, similar principles apply as above. The mattress bases are placed insitu and each unit is separately assembled, then laced again to adjacent units to form a monolithic structure.

Don't forget to place a NON-WOVEN GEOTEXTILE (e.g. TS447 or TS452) between the soil-mesh interface for separation & filtration and to prevent scour problems.

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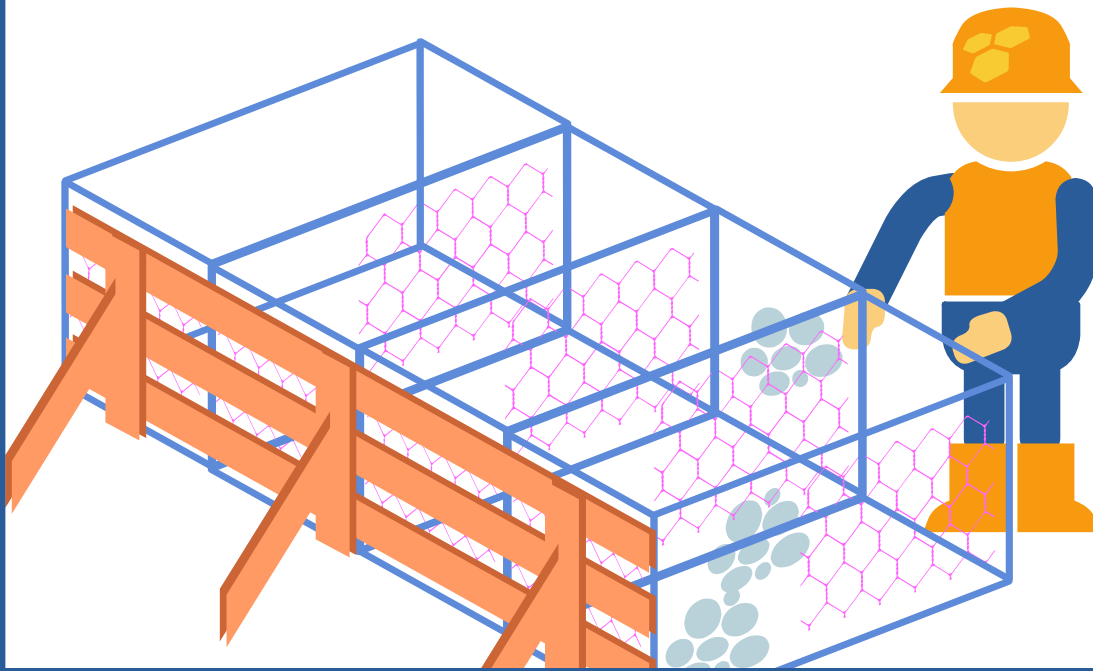
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GAVION

How to assemble a Gavion

5.



Join the gabions before filling. Build a single monolithic structure. Use the tying wire provided with the package

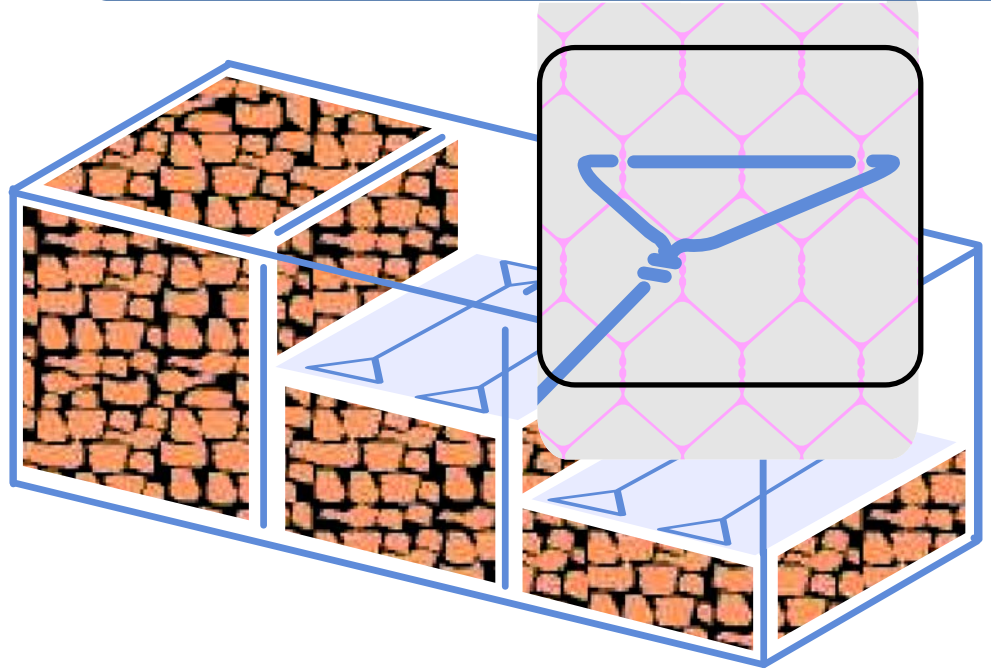
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For Wire Rock Mattresses, similar principles apply as above, however, formwork is not required. For Gabions, formwork is recommended for a better architectural finish.

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Fill the gabions by layers and cells. Place internal guy wire to prevent the side walls from losing their shape. Fill one-third of a cell before starting to fill the next. This will prevent the walls from warping.



For Wire Rock Mattresses, NO internal guy-wires (bracing wires) are required. However, the internal DIAPHRAGMS must be laced completely to the base, sides, and lid for stability.

For gabions, internal bracing wire is required and CRITICAL.

Allow 4 braces per sqm face (pre-formed bracing wire also available upon request).

Nominal bracing wire is also required for the units BEHIND the exposed faces during filling.

For 1m high units, install bracing wire every 1/3 point high, and fill incrementally and repeat.

For 0.5m high units, install bracing wire every 1/2 point high, and fill incrementally and repeat.

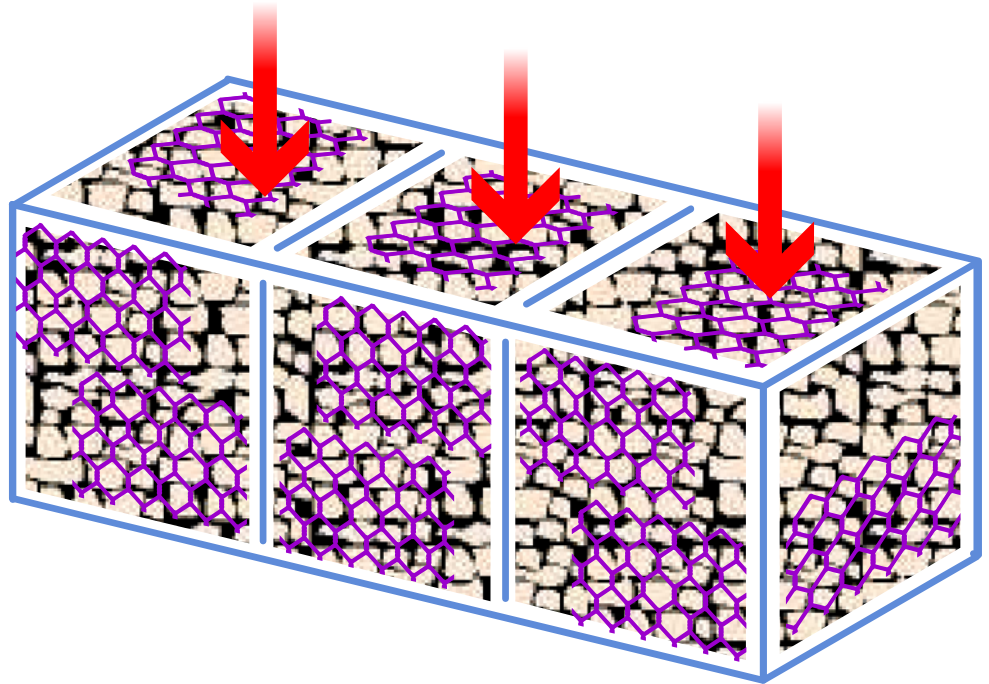
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Once filled, close the gabions by tying the lid to the side wall. Depending on their size, gabions may be delivered in one single sheet including the lid, or with a separate lid.



For Wire Rock Mattresses, similar principles apply as above. Complete the installation by tying the lid to the sides and internal diaphragms.

Your structure is now completed!

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