

This document contains the installation manual for the Gabion panel (pages 1 to 3) and the Botanical panel (page 4).

### GABION PANEL

The SILVADEC® Gabion panel is very simple to insert between two SILVADEC® fencing posts (smooth or sanded finish).

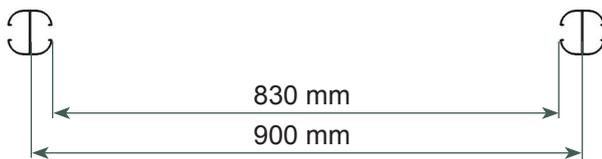
#### INSTALLING THE PANEL

Gloves must be worn to handle all components, and it is recommended to have two people.

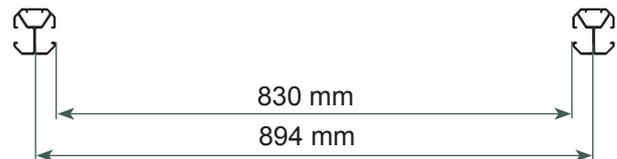
##### **Step 1: Positioning the posts**

For installation, arrange the posts to keep precisely to the centre-centre distances below. For installation with concrete embedding, the embedding depth must be 500 mm (total length of posts: 2315 mm). For more details on installing the posts, refer to PU11 - SILVADEC® fencing, downloadable from our website [www.silvadeec.com](http://www.silvadeec.com).

##### SMOOTH RANGE POSTS to be embedded in concrete only



##### SANDED RANGE POSTS to be fastened on post supports or embedded in concrete

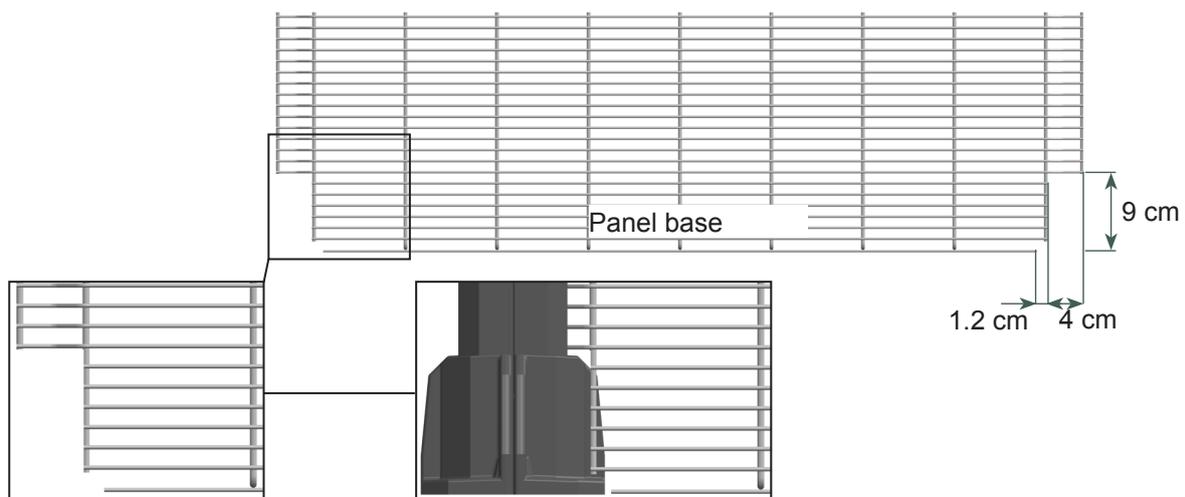


**Hint:** to prevent any centre-centre distance errors, it is recommended to use the Gabion pinion as a jig, inserting it two-thirds of the way up, before embedding the posts or fastening the post supports.  
To insert the grille into the posts, refer to step 2.

#### SPECIAL CASE - INSTALLATION ON POST SUPPORTS

In the special case of installing on double-shell post supports (accessories range in sanded finish only), you need to cut some of the wires at the bottom of the grille.

The cutting can be performed using cutting pliers for metal wires 2.5 and 4 mm in diameter, or pincers. If disc cutting, make sure to protect the edge with an anti-corrosion retouching paint.

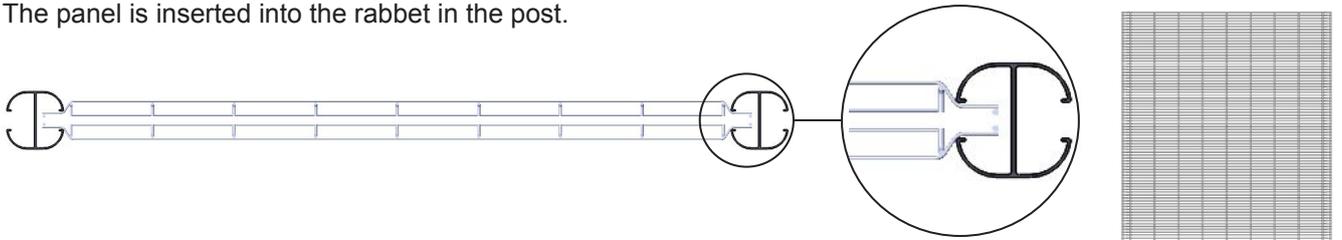


#### SPECIAL CASE OF A FENCE < 1.8 M IN HEIGHT

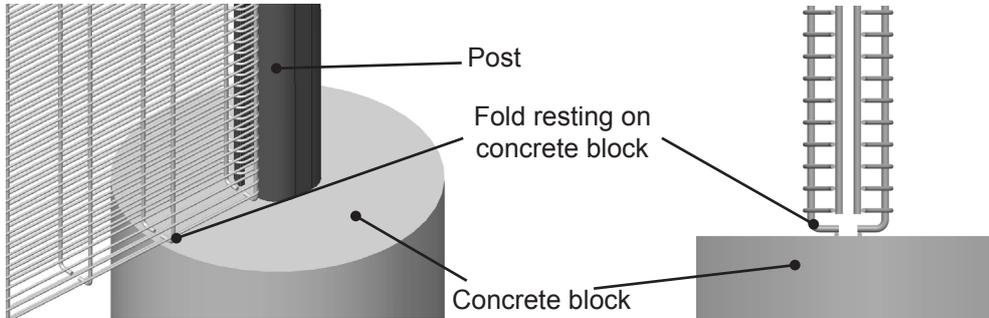
For fences lower than 1.8 m in height, it is possible to cut the vertical rods of the gabion grilles so as to reduce it to the desired height. The cutting can be performed using cutting pliers for metal wires 2.5 and 4 mm in diameter, or pincers. If disc cutting, make sure to protect the edge with an anti-corrosion retouching paint.

## Step 2: Installing the Gabion panel

The panel is inserted into the rabbet in the post.



The folded parts of the grilles must be at the bottom, and must rest on the ground or the post embedding blocks.



Bring the Gabion panel above the posts, and slide it via the top into the rabbets in the posts.

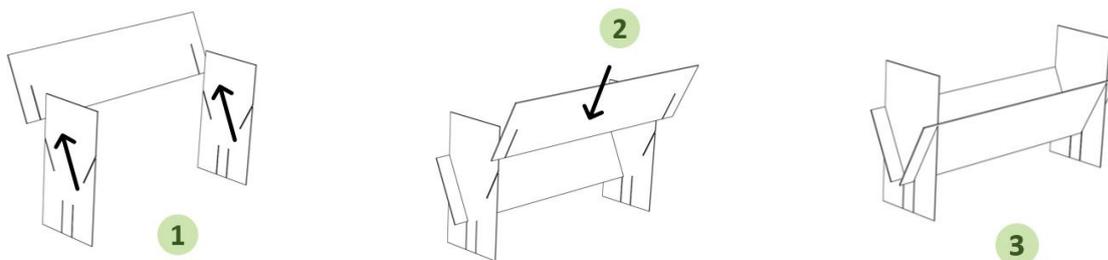
We strongly recommend having two people and using a step ladder for this step.

## Step 3: Filling the panel

**Important:** before filling, check that the posts are fastened, their verticality and their centre-centre distance, and then check that the Gabion panel is correctly inserted and held. Filling should be performed via the top of the panel. We recommend choosing a 15-25 mm grade filling gravel. For one panel, you will require 125 to 150 kg of gravel (mesh dimensions: 10x100 mm).

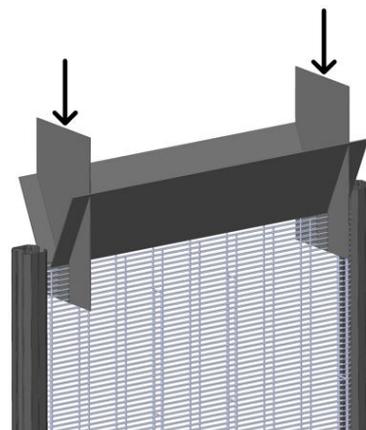
### ASSEMBLING THE FUNNEL

A funnel is supplied with the Gabion panel. It comprises 4 plates to be assembled as follows.



### INSTALLING THE FUNNEL ON THE PANEL

Engage the funnel fully into the groove in the panel grille before filling.

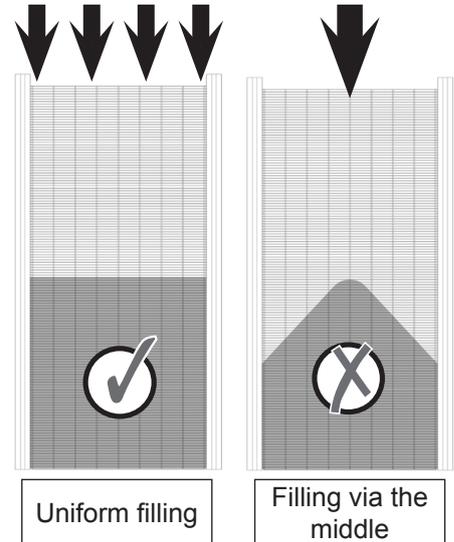


## FILLING THE PANEL



We strongly recommend using a step ladder for this step.

Fill the Gabion panel by gradually emptying the gravel bags into the funnel. Make sure to spread the gravel uniformly across the width of the panel when filling. We advise against filling the panel in the middle only.



**Important:** it is completely normal when filling for gravel to spill out of the grill meshes. The smallest grade must be removed to enable each piece to take its place in the panel.

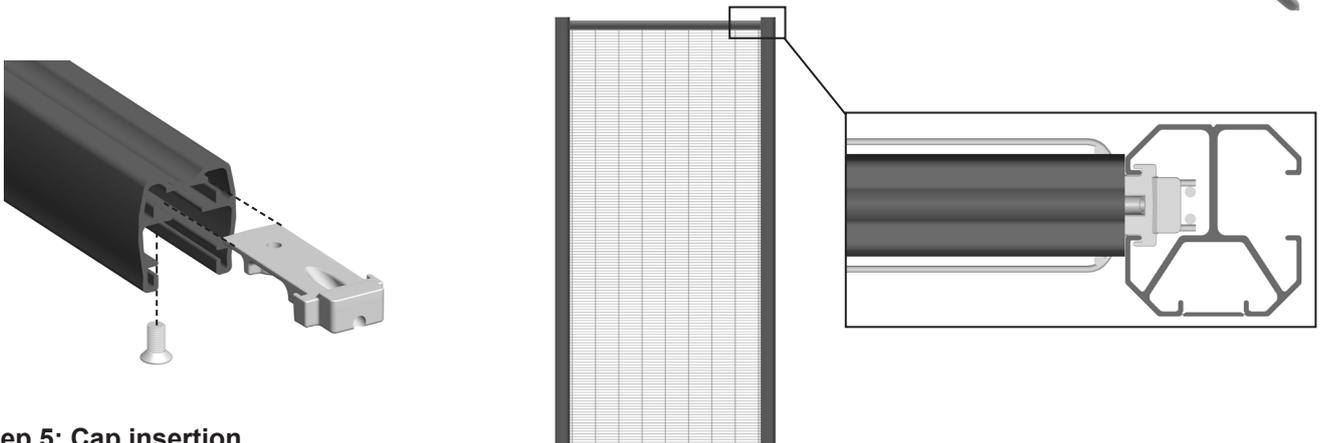
We recommend tamping down the gravel as far as possible (e.g. by tapping with a brush) as you fill the panel. We recommend installing tarpaulins at the foot of the panel to collect the excess gravel spilling out of the panel.

### **Step 4: Installing the top rail (mandatory - sold separately)**

The top rail must be installed with its kit of two connectors. These two accessories are sold separately. For their installation, please refer to PU11 - SILVADEC® fencing.

**Important:** the top rail is sold in a length of 1730 mm (smooth finish) or 1736 mm (sanded finish). To install on top of a gabion panel, you need to purchase a top rail of this length, to cut it to a length of 820 mm. A top rail 1730 or 1736 mm in length can be used to make two gabion panels.

The first panel links need to be “pinched” so that they can be inserted inside the top rail, and the top rail clipped on. This operation can be carried out using multi-grip pliers.

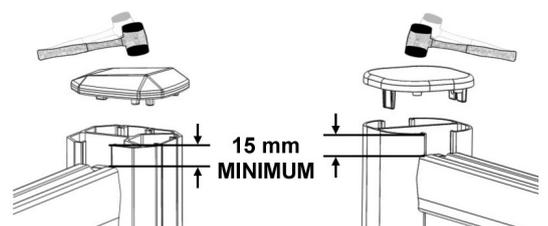


### **Step 5: Cap insertion**

**INSERT the caps onto the posts.**

Fitting must be done manually. If necessary, use a mallet (or a hammer with a wooden wedge) to finish driving it in (**we strongly advise against using any sharp tool which could damage the paintwork**). Do not mechanically fix the cap on the post.

**MAKE SURE you fit the cap on the post the right way round.** Both “legs” of the cap must be mounted on the post’s central rib. **It can only be secured by tightening in this position.**



## BOTANICAL PANEL

The SILVADEC® botanical panel offers you multiple options for adding plants to your fencing. It is very simple to insert between two SILVADEC® fencing posts (smooth or sanded finish). In terms of plants, we recommend that you chose evergreen climbing or deciduous vines, and twining plants. Make your choice based on the exposure, colour, density, flowering, weather conditions, etc. E.g.: Asarina, Clemantis, Winter jasmine, Honeysuckle or Climbing rose, etc.

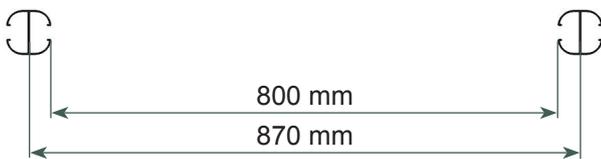
## INSTALLING THE PANEL

Gloves must be worn to handle all components, and it is recommended to have two people.

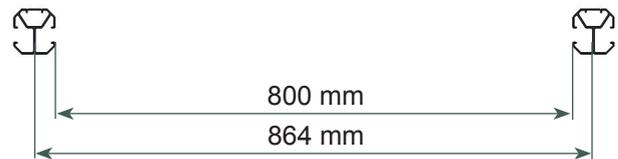
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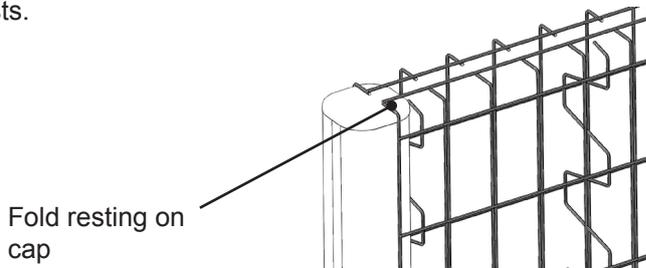
**Hint:** to prevent any centre-centre distance errors, it is recommended to use the grille as a jig, inserting it two-thirds of the way up, before embedding the posts or fastening the post supports. To insert the grille into the posts, refer to step 2.

### Step 2: Installing the grille

We strongly recommend using a step ladder for this step.

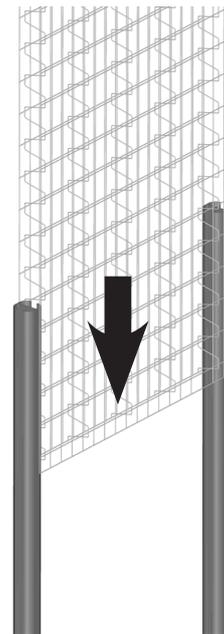
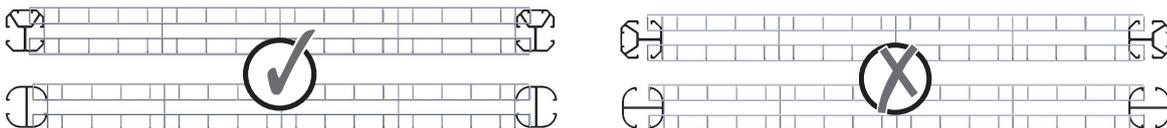


Place the grille on top of the posts, and slide it via the top. The folded part of the grille must be on top and must be resting on the top caps of the posts.



Note: In order to limit the risk of scratching the post, we recommend using a thin fabric between the grille and post while lowering, to be removed once the grille has been installed.

**NB:** the posts can only be oriented one way in the grille.



## BRINGING VEGETATION

You are free to choose the plants according to your personal tastes, weather conditions, exposure, or even the need for concealment. For more information on planting and bringing vegetation, please consult stores specialised in this field.

It is also possible to insert peat moss panels (maximum dimensions 70x200x1800 mm) inside the botanical panel grille. Peat moss enables you to plant above ground. Its high water retention capacity promotes plant growth.