



INSTRUCTIONS **for the** **correct** **ASSEMBLY**

Rev. 2021

Assembly instructions

To professionally build the "Stone fence" a stable and compact foundation is needed. Insert the pylons of the gabions in this foundation or tassellate the pylons equipped with the plate with suitable dowels.

The testing of the bearing capacity of the foundation is responsibility of the installer or the client.

To obtain a pleasant to look at result is important to pay attention to the perfect uniformity and linearity of the surface of the foundation.

NOTE:

the depth of anchoring of the pylon should be around $\frac{1}{3}$ of the height of the wall (ex. With a 180 cm high gabion = depth of the anchoring of 60 cm)

Important:

Only a perfectly linear foundation the correct building of a wall composed of the KorbKultur Box gabions.



Alignment of the anchoring pylons

The anchoring pylons are positioned centrally in axis to the long side panel, without them touching the mesh. Keep the pylons at around 15 cm from the shortside panel.



Attention: every gabion needs to have 2 anchoring pylons

Installation of the anchoring pylons:

According to the model of the pylon, they can be insert in the foundation or tassellated to the concrete.

Ex. Anchoring through dowels



Important for the plate and dowel anchoring

The mechanical dowels must be the Wurth W-FAX/S M10 model or, in alternative, threaded M10 class 8.8 with WIT-WM200 resin (not provided)



Installation of the 2 L-shaped panel:

The two angular panels can be perfectly anchored to each other through the U-shaped folds, that are positioned on the extremities of the short side panel.

Clarification:

The gabions can be shortened every 5 cm through cutting one mesh on the long side panels.



The internal rods must be inserted after the assembly of the 2 panels, in the number and position showed in the assembly instruction (it's different for every model of gabion).



The next step is the alignment and the stiffening of the panels. For this purpose straight wooden poles should be used to strengthen the structure. This helps with the filling, preventing any shift of the structure from the chosen position.

the wooden poles must be secured to the panels in different places.



The structure is aligned and shored up. It's now possible to fill the gabion manually or mechanically with stone material of suitable size (approx 60/120 mm).

Example of gabions with different kinds of filling:

