

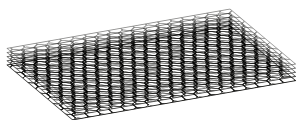
GABION STRONG FACE

INSTALLATION SHEET

MACCAFERRI


**GABION
STRONG
FACE**
**DESIGN
THE
CHANGE**


WHAT YOU NEED



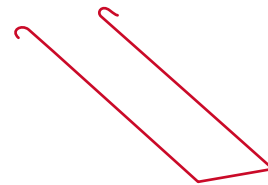
Bundle of gabion



Pneumatic fastening tool



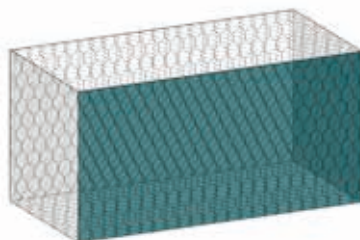
C-Ring



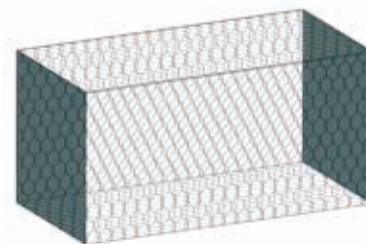
MacTie

Gabion Strong Face is available in different configuration:

1. Reinforced front face
2. Reinforced lateral face



1. Reinforced front face



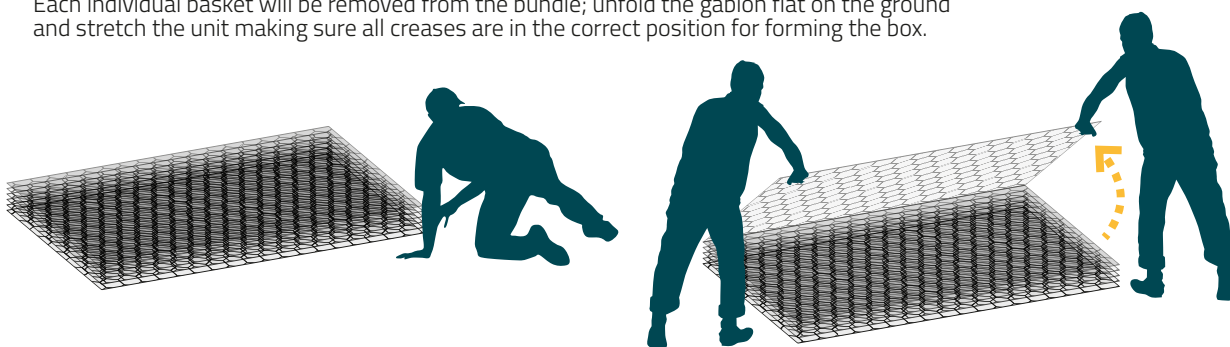
2. Reinforced lateral face

THE FOLLOWING FIGURES REFER TO THE INSTALLATION OF CONFIGURATION 1

1

BUNDLE UNBOXING

Each individual basket will be removed from the bundle; unfold the gabion flat on the ground and stretch the unit making sure all creases are in the correct position for forming the box.

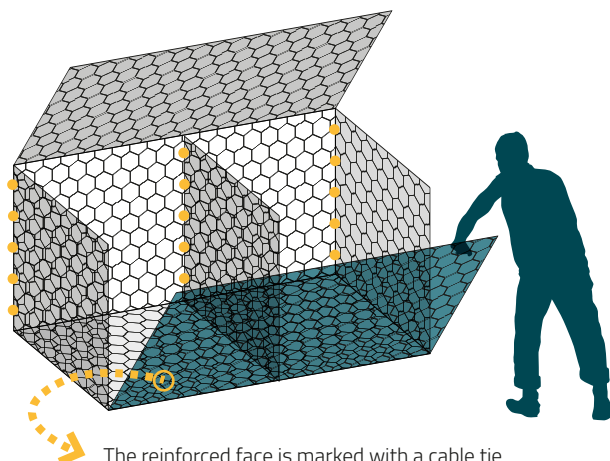


2

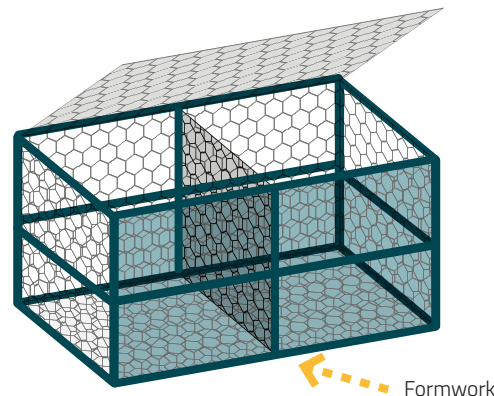
ASSEMBLING

Front, back, end panels and vertical diaphragm shall be lifted to a vertical position to form an open box shape, making sure tops of all four sides are at the same level. Pay Attention to place reinforced panel outward, so to form the wall face.

Panels shall be fastened together with **C-Rings** around the selvedge, the edges of the lateral faces and vertical diaphragm. A pneumatic clipper can be used to close the **C-Rings**. **C-Ring** spacing has not to exceed 200 mm (as per EN10223-3). It is suggested to place a formwork around the Gabion before starting the filling operations*.



The reinforced face is marked with a cable tie



Formwork

*The formwork is not supplied. The formwork is not represented in the other drawings for graphic reasons.



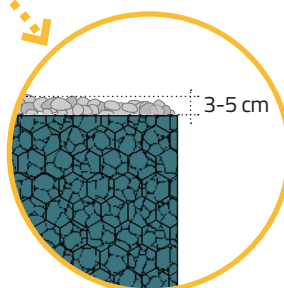
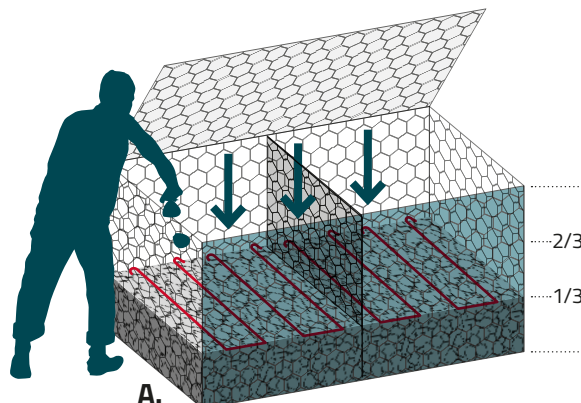
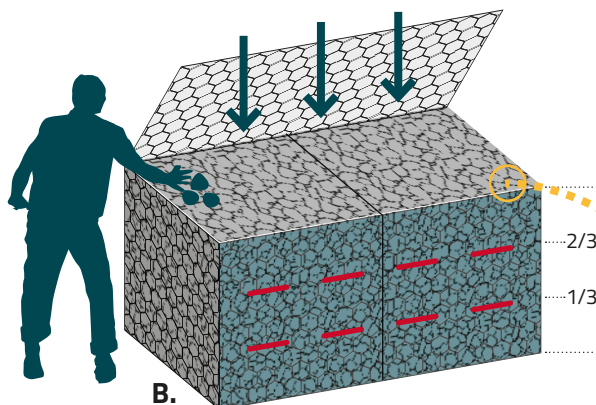
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3

FILLING

A. Once the gabion has been assembled, it is recommended to fill each gabion cell in 3 layers of stones (0.33 m each). Use **MacTie** after the placement of layer 1 and 2. A minimum of four **MacTie** per cubic meter of gabion is recommended.

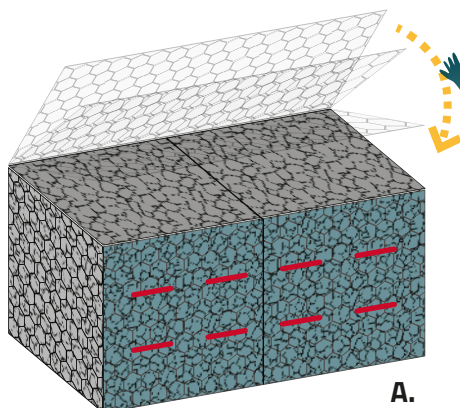


Gabions shall be overfilled by 3-5 cm to allow the natural stones settlement while keeping the top edges of the faces visible to enable the connection to the lid.

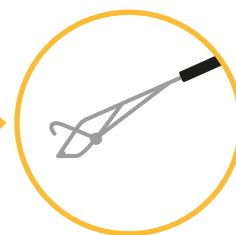
B. To ensure a good finished appearance, all visible faces should be carefully hand-packed.

4

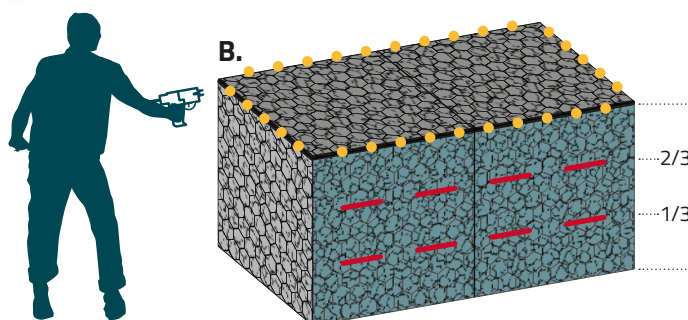
CLOSING



A. Fold the lid down and stretch into position, if possible with the aid of a **Lid Closer** (not supplied with the product).



B. Connect the lid to the other faces with **C-Rings** (max spacing 200 mm).



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