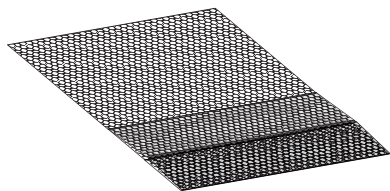


TERRAMESH SYSTEM

INSTALLATION SHEET

MACCAFERRI

WHAT YOU NEED



Bundle of Terramesh System



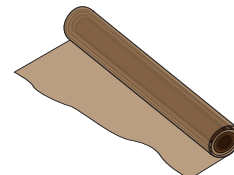
Pneumatic fastening tool



C-Ring



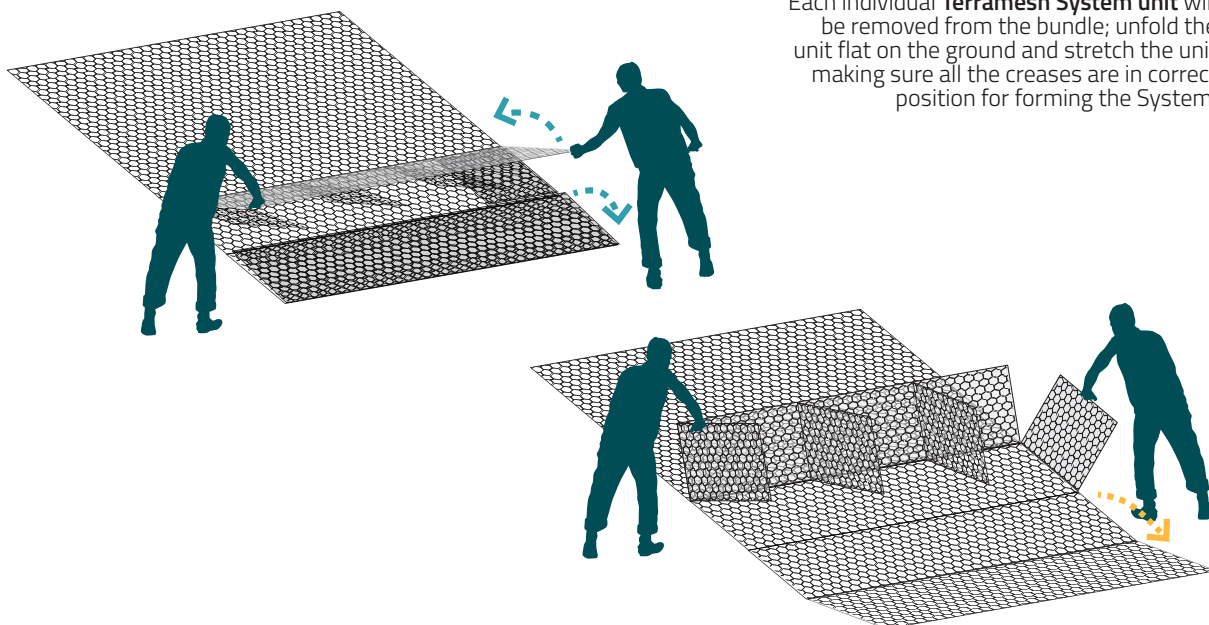
MacTie



Non-woven geotextile

1

BUNDLE UNBOXING

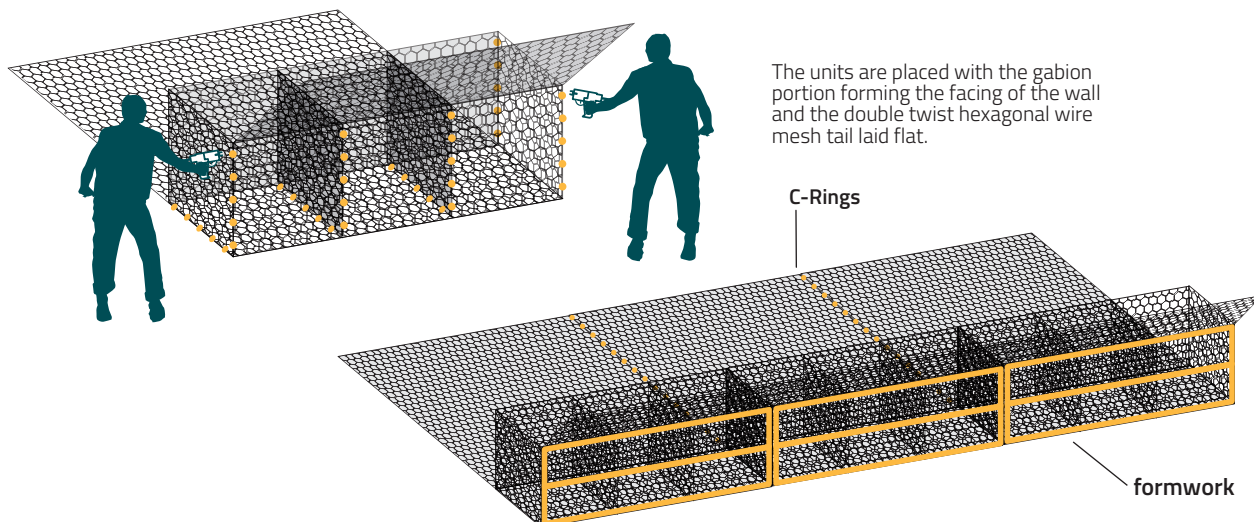


Each individual **Terramesh System** unit will be removed from the bundle; unfold the unit flat on the ground and stretch the unit making sure all the creases are in correct position for forming the System.

2

ASSEMBLING

Front, back and end panels of the gabions facing shall be lifted to a vertical position to form an open box shape, making sure tops all four sides are at the same level. **C-Rings** shall be installed at the top, bottom, side connections and for diaphragms: a max space of 200 mm (as per EN10223-3) along all edges shall be used. It is suggested to place a formwork around the facing before starting the filling operations*.



The units are placed with the gabion portion forming the facing of the wall and the double twist hexagonal wire mesh tail laid flat.

C-Rings

formwork

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

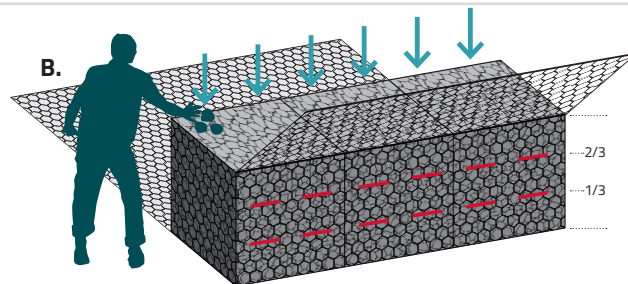
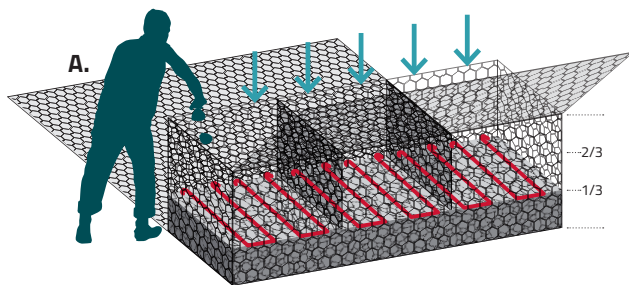
TERRAMESH SYSTEM

INSTALLATION SHEET

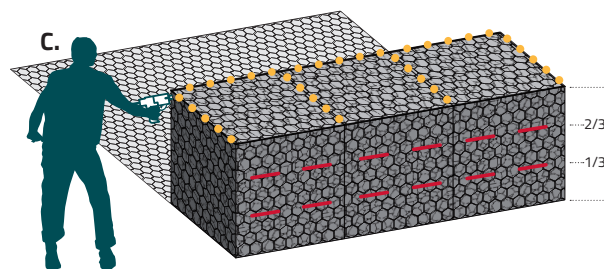
3

FILLING AND CLOSING

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



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

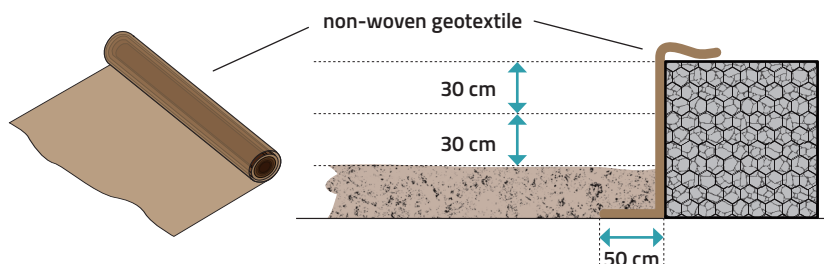


C. Connect the lid with **C-Rings**.

4

PLACING THE GEOTEXTILE

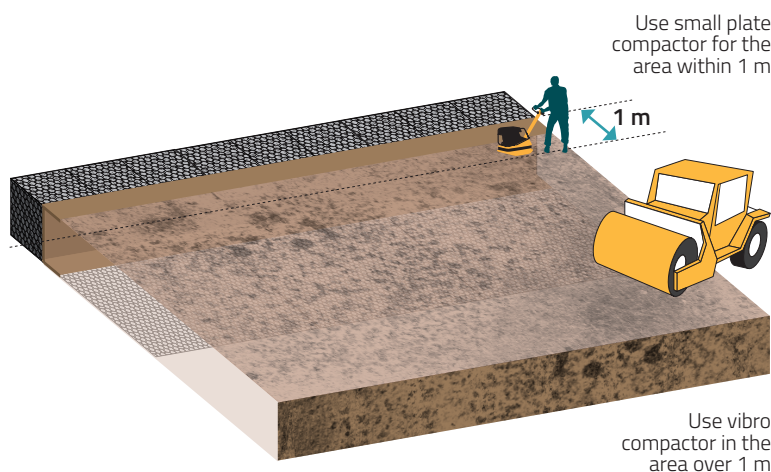
At the interface between the facing and backfill material, a non-woven geotextile shall be put extending about **50 cm** at the bottom and at the top of the unit. It prevents the passage of fines inside the stone facing.



5

PLACING AND COMPACTION OF THE STRUCTURAL FILL

Compaction shall be performed to min. **95% of Standard Proctor** or as indicated on the construction drawings. Great care should be taken when placing, spreading and compacting fill to ensure that heavy machinery is kept away from the area immediately behind the **Terramesh System units** for **1 m**.



NOTE: for additional info please refer to the installation manual.

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