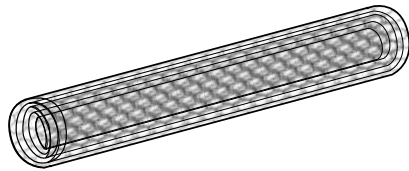


MacMat™

INSTALLATION SHEET

MACCAFERRI

WHAT YOU NEED



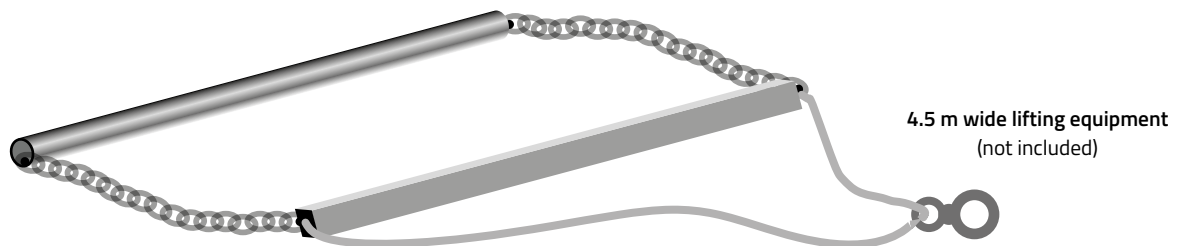
Maccaferri MacMat™ rolls

FastMac
pneumatic fastening tool

C-Ring



Steel pins Ø 6/8 mm

4.5 m wide lifting equipment
(not included)

1

PRELIMINARY STEPS & SITE PREPARATION

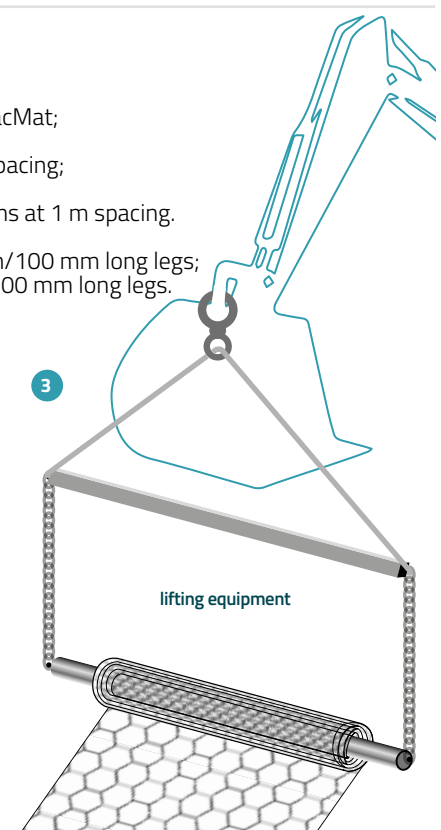
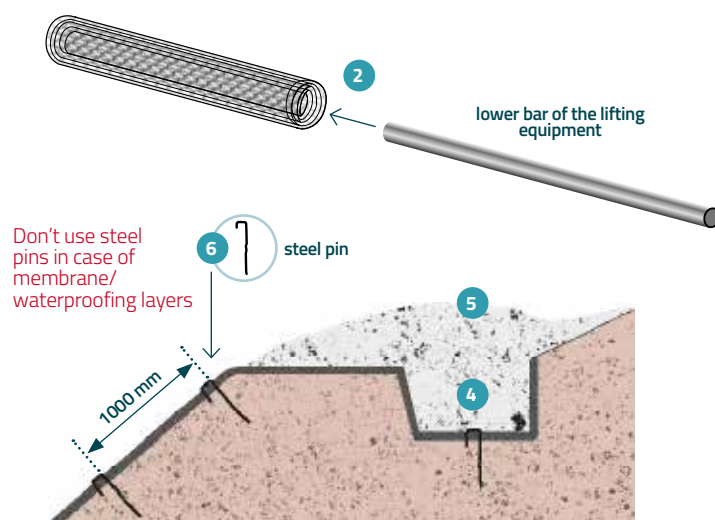
1. Start with soil grading and low compaction on the slope to achieve an even surface: fill the holes in case of rough soil;
2. On top of the slope, level the soil along the perimeter of the installation;
3. Keeping a distance at least of **0,5 m from the edge of the slope**, excavate a trench approximately **300 mm deep by 500 mm wide**.



2

DT MESH SETTING

1. Unload MacMat™ rolls;
 2. (Optional) Position the lower bar of the lifting equipment into the roll of MacMat;
 3. (Optional) Fasten the lifting equipment to the excavator/crane;
 4. Anchor MacMat™ along the bottom of the trench using **steel pins** at 1 m spacing;
 5. **Fill the trench** and proceed with **soil compaction**
 6. Unroll MacMat™ roll downslope and fix the mat to the ground with steel pins at 1 m spacing.
- Generally:
- **Unreinforced MacMat™**: Ø 6-8 mm **steel pins** with asymmetric 300 mm/100 mm long legs;
 - **Reinforced MacMat R™**: Ø 8 mm **steel pins** with asymmetric 300 mm/100 mm long legs.



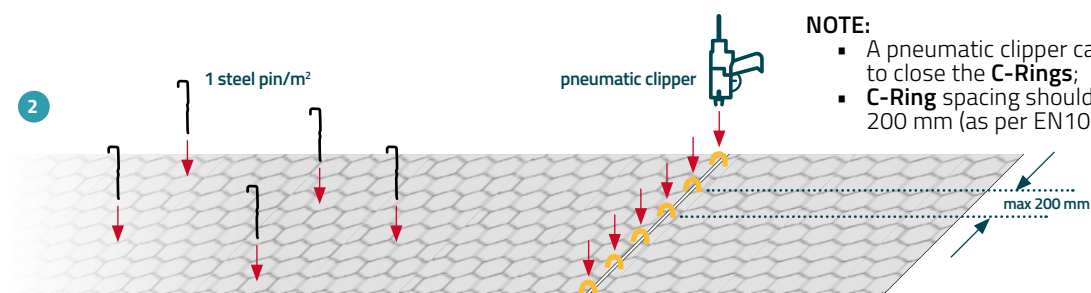
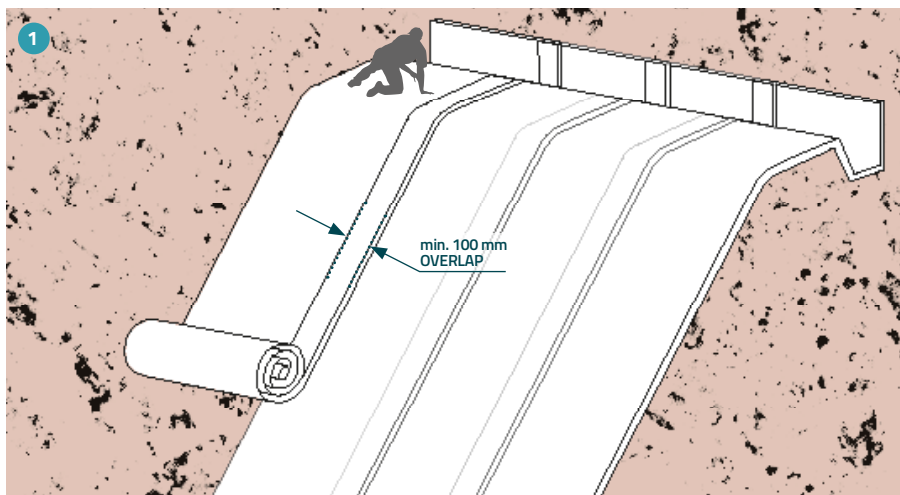
MacMat™

INSTALLATION SHEET

3

ROLLS JUNCTION

1. When two unrolled mesh meet, they must **overlap by at least 100 mm** along the two longitudinal edges;
2. Fasten together the overlapped rolls portions with **C-Rings** and fix it to the ground with **steel Pins**.



NOTE:

- A pneumatic clipper can be used to close the **C-Rings**;
- **C-Ring** spacing should not exceed 200 mm (as per EN10223-3).

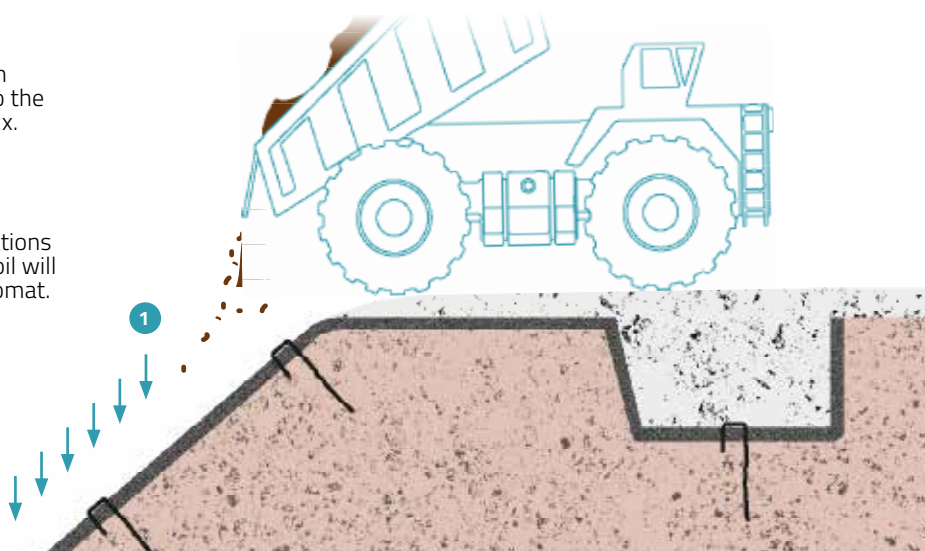
4

FINISHING

1. Cover the **MacMat™** with topsoil and spread it into the three-dimensional matrix.

NOTE:

- No compaction operations are needed, the topsoil will interlock with the geomat.



MACCAFERRI ROMANIA S.R.L

Strada Nicolae G.Caramfil, nr.53, et.5, Sector
1 014145, Bucuresti, Romania

T: +40 21 7942220

E: info.ro@maccaferri.com

maccaferri.com/ro