

Jouplast®


DIRECTIONS FOR USE

BUILDING GARDEN STEPS WITH MODULESCA®



10
WARRANTY
YEARS

www.jouplast.com

in f  



RECOMMENDATIONS

- › Modulesca® must be laid on a stabilized ground.
- › Installation where there is no natural slope : Modulesca® can be laid on a frame as pedestal risers... This type of installation is suitable only for decking where no more than 3 steps are required.



BENEFITS

- › For an installation without concrete, bend metal rod can be use in the intended holes (ex: bend rebar ø 10mm - length 40 cm - to place every 4 steps)
- › 2 integrated places to install spot lights or to lay electrical cables...

USE AS A STRAIGHT STAIRCASE

Minimum Floor Incline: 46° or 24.7%
Minimum Tread: 235 mm
Maximum Floor Incline: 36 ° or 70%
Maximum Tread: 370 mm

Safety first!
Use protective glasses and safety gloves



MODULESCA CONFIGURATOR

Click on the QR CODE or scan it and you will be redirected to the configurator



USE AS A QUARTER SPIRAL STAIRCASE

Rotation Axis: Center of the Step
Minimum interior radius: 570 mm
Minimum exterior radius: 1530 mm
Maximum rotation angle of the steps: 13°
Note : Installation as a spiral staircase is completed independently for the right-side or left-side with the kit.

VIDEO

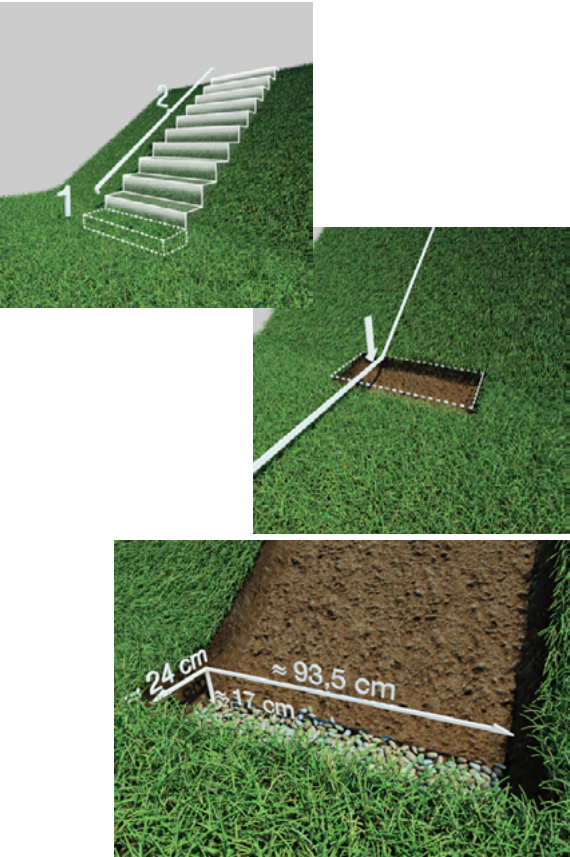
Click on the QR CODE or scan it and you will be redirected to the «product» video



1

SITE PREPARATION

- › Identify the base of the slope to determine the position of the first module.
- › Minimum excavation location size : 17 cm deep, 94 cm long and 24 cm wide.
- › Lay a geotextile.
- › Put crushed gravel [0-20] in the bottom of the hole for the module to rest on.



2

MODULE INSTALLATION

- › Install the module and adjust the transverse level.
- › Note : the module should be tilted 1° towards you to promote the flow water.
- › Fill in the module (for convenience, cement, gravel, etc...) to stabilize and secure without sealing the adjustable sides.

Filling volume for one step: 41 L.



- › 2nd module : Insert the pins (under the step) in the notched orange nuts of the first module

2

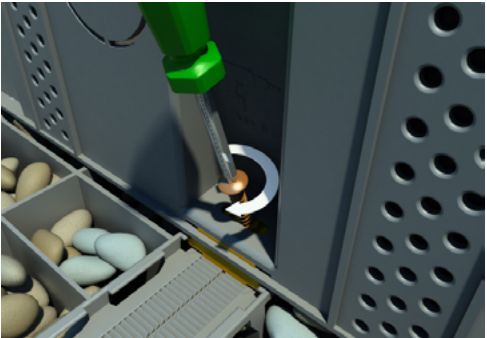
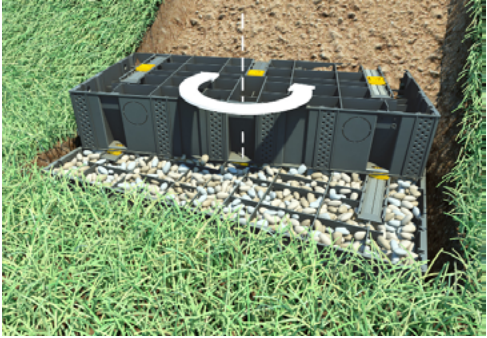
MODULE INSTALLATION

- › Slide the 2nd module up to the stop on the slope.
- › If necessary, the module can be moved (13° maximum rotation angle, both to the right and to the left)

- › Lock the 2nd module. Insert the 3 «6x50mm» screws.

Note: Tighten the screws to compress the nuts until the two modules touch.

REPEAT FROM STEP 2 FOR THE INSTALLATION OF EACH STEP

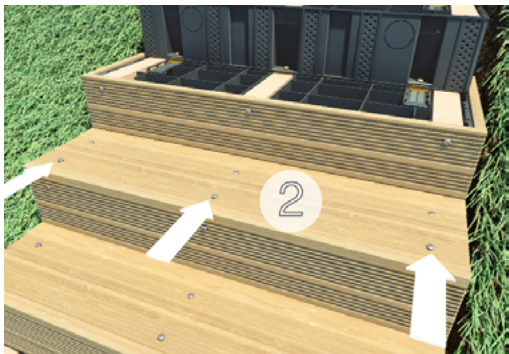
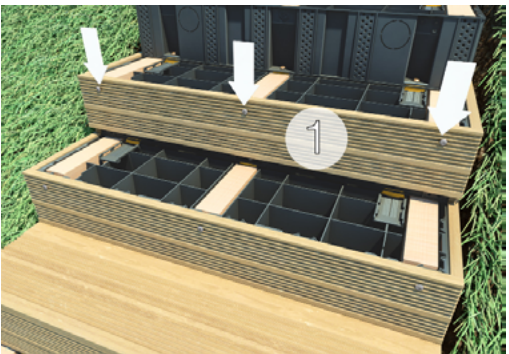
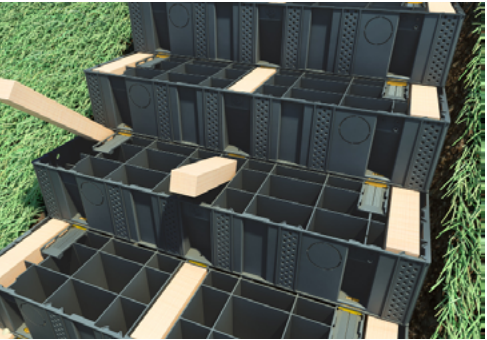


3

CUSTOMIZE WITH WOOD

- › Insert the 3 [joists](#) into the respective recess. Screw through the module.
- 1 joist 4 x 6 cm - Length 21 cm
- 2 joists 4 x 6 cm - Length 35 cm
- Wood species : Autoclave wood or exotic wood
- › Screw the boards into the joist fastening through the module.
- Screw for boards : 5 x 50 mm.

Note : A 3-5 mm gap should be leave between the boards.



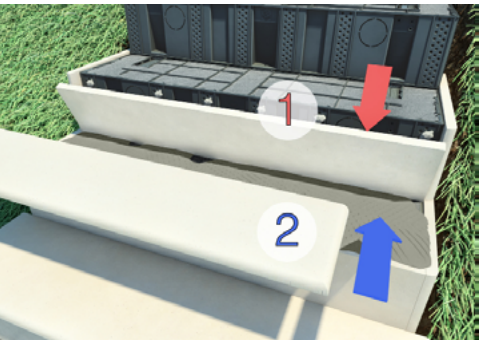
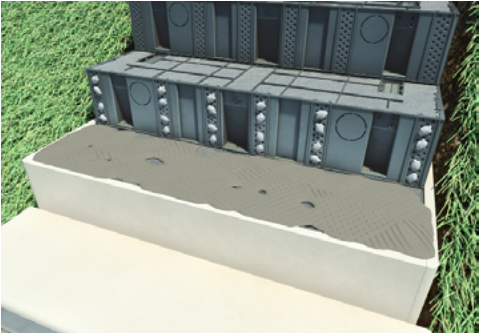
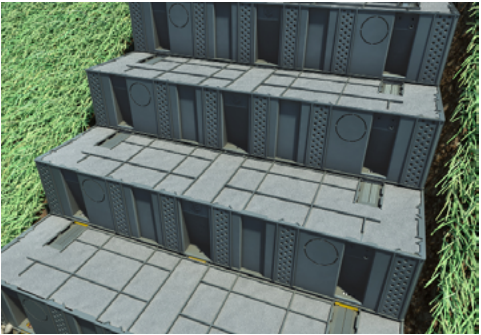
3

CUSTOMIZE WITH TILES / STONES

- › Fill the modules with cellular concrete, gravels, clay pebbles, 350kg dosed concrete... (If necessary, a drying time should be respected)
- › Put some PU glue on« the glue trap» located on the sides and on the vertical tile of the module. Glue the tiles.
- › Then, apply thin-bed mortar* onto the horizontal surface of the module and lay the tiles (* mini C2S minimum standard).

Repeat the operations for each module.

Note: The joints can be done with paving pointing compound . A 48 hours drying time should be respected before use the stair.



SPECIFIC CASE

HOW TO WIDEN THE STEP?

- › Use the [connector kit](#).
- For connecting : two steps together, one step and one module together, two modules together.

