

Jouplast®

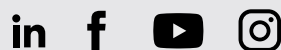
DIRECTIONS FOR USE

**CREATE PARKING SPACES,
ACCESS ROAD IN URBAN
AREAS WITH
URBANGRAVEL®**



10
WARRANTY
YEARS

www.jouplast.com



RECOMMENDATIONS

› Do not use with hot mixed asphalt.

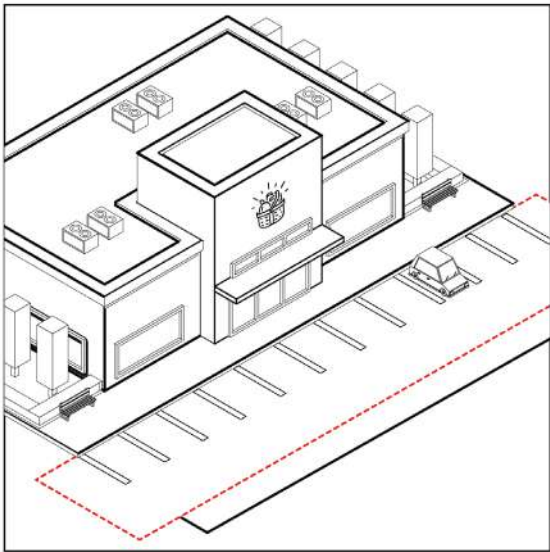
Safety first!
Use protective glasses and safety gloves



1

SITE PREPARATION

- › Where required, create edging or kerbs to form the desired shape, using a laser level to align the heights.
- › N.B.: Tiles can be cut using a hand or power tool to fit around kerbs or other obstacles.



2

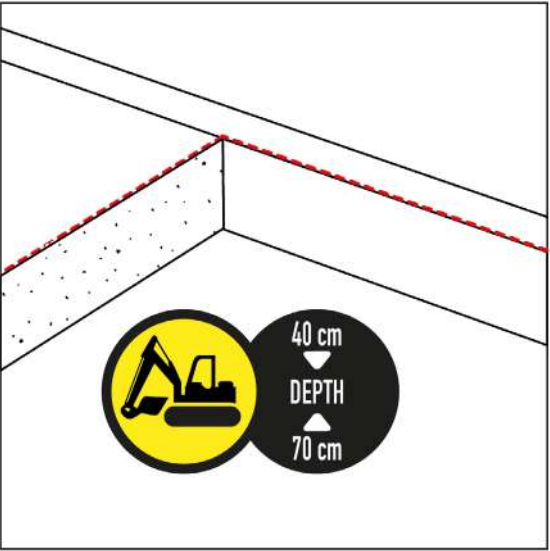
PREPARING THE SUB-BASE

- › Excavate soil to the required depth from 40 to 70 cm according to the use. The depth of the subbase will vary depending on the use:
- › Carpark : from 40 to 50 cm.*
- › Fireman access : from 50 to 60 cm.*
- › Trucks : from 60 to 70 cm.*

*Values may be adjusted according to the nature of the soil.

- › Compact with a vibrating plate.

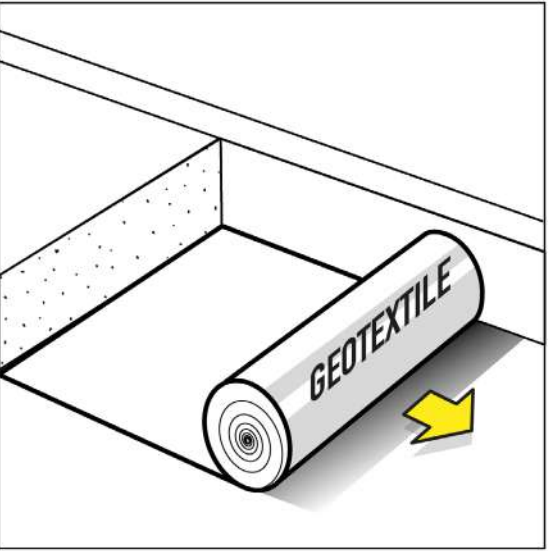
*N.B: It is important to check at least the load-bearing capacity of the soil and its permeability. Also check if the ground is prone to rising groundwater.
We recommend that these important considerations are professionally assessed by means of a geotechnical survey carried out by structural engineers.*



3

LAYING THE GEOTEXTILE MEMBRANE

- › Lay a non-woven geotextile membrane of at least 120g/m² weight.



4 DRAINING FOUNDATION

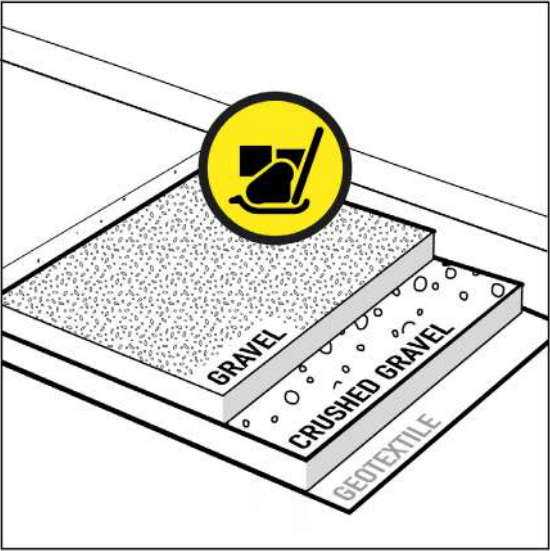
- › Lay a draining foundation layer of 40/80 crushed stone to 30-50 cm depth.
- › Compact with a vibrating plate.

N.B: The drainage layer is optional. A drainage layer is recommended where:

- › the sub-base is not permeable enough to absorb runoff water*
- › the sub-base is prone to rising groundwater.*

This layer can act as a buffer, and should allow access water to drain away.

In some situations, drainage can be improved by running pipes through the drainage layer.

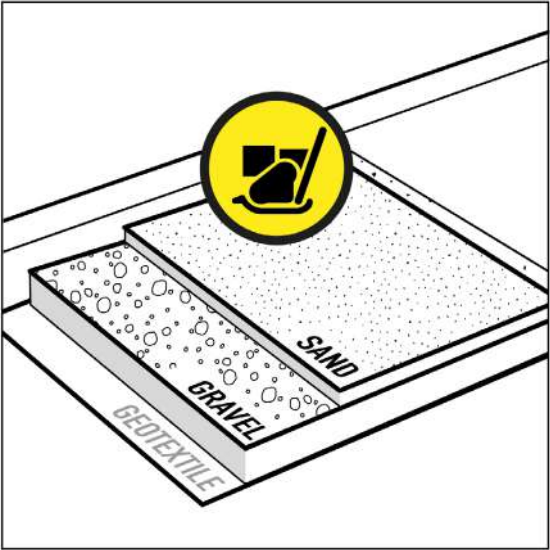


5 SUB-BASE

- › On top of the draining foundation, lay a sub-base of mixed of crushed 0/31.5 gravel to a depth of 20-30 cm.
- › Compact with a vibrating plate.

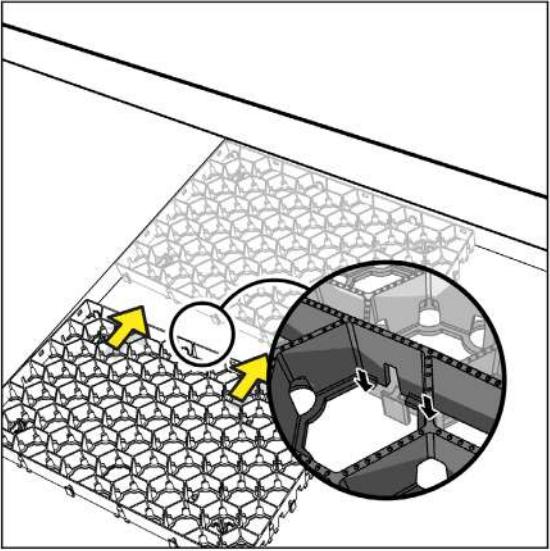
6 LEVELLING LAYER

- › Lay a levelling layer of 5 mm-to-dust to a depth of 1-4 cm.
- This layer provides a clean surface and corrects any variation in level.



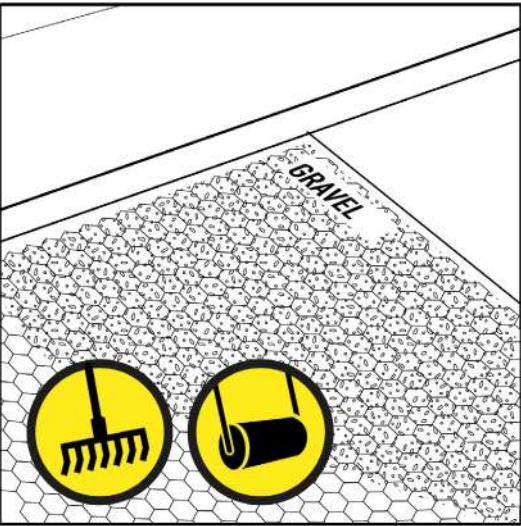
7 INSTALL URBANGRAVEL®

- › Lay the URBANGRAVEL® modules, and lock them together using the integrated clip system.
- › Lay the 'male' module with the projecting tab towards you, and clip the slot of the 'female' tile over it.



8 FILLING

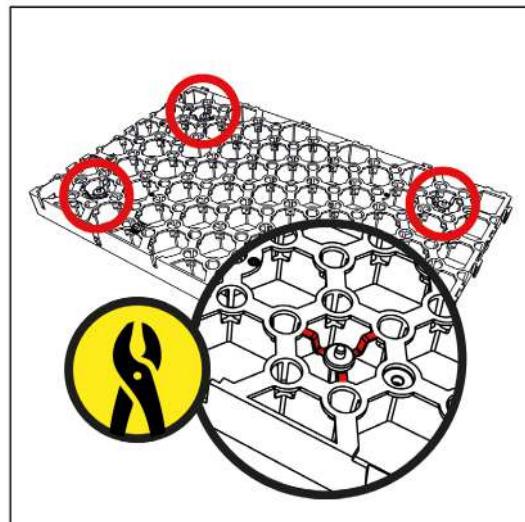
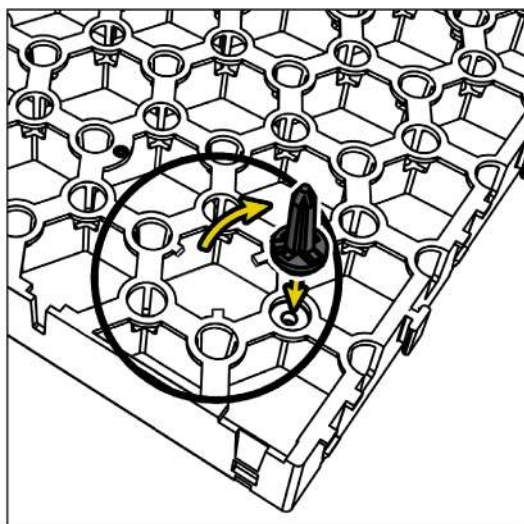
- › Fill the cells to the top using crushed aggregate graded to between 5 mm (min.) and 10 mm (max.).
- › Spread the gravel evenly.



SPECIFIC CASE

LAYING ON A SLOPE

- › Can be used on slope up to 15 % for driving areas.
- › Use the 4 integrated anchoring pins.
- › Cut the ties.
- › Place the pins at the dedicated holes on the back of Urbangravel®.



ZONE MARKER

- › Before inserting the zone markers into the honeycomb cells, the cells should be filled with aggregate to a level equivalent to the depth of the markers. (example : to mark out parking spaces)
- › Count 2.2 zone markers per m² (quantity to be adapted according to the environment and the site).