

Jouplast®

DIRECTIONS FOR USE

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



10
WARRANTY
YEARS

www.jouplast.com



RECOMMENDATIONS

- › Do not use with hot mixed asphalt.
- › To provide the stated load resistance, Alveplac® cells must be filled with gravel, plus an additional 2 cm top layer.
- › GRAVELSTAB® must be laid on a stable and well compacted base. Please don't miss it, otherwise its functionality could be seriously impaired.

MAINTENANCE

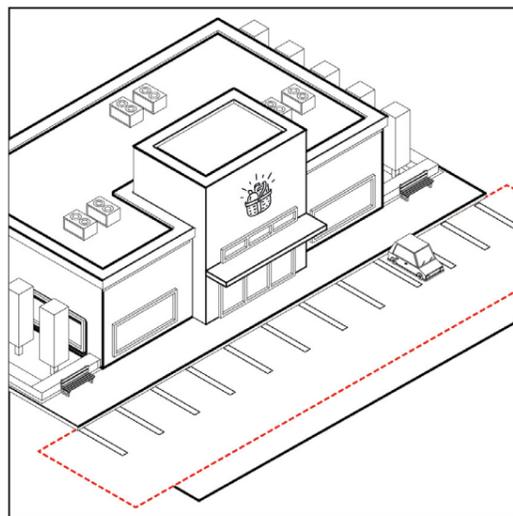
- › Gravel raking may be required from time to time.
- › Add gravel if necessary.

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 10 to 70 cm according to the use. The depth of the subbase will vary depending on the use:

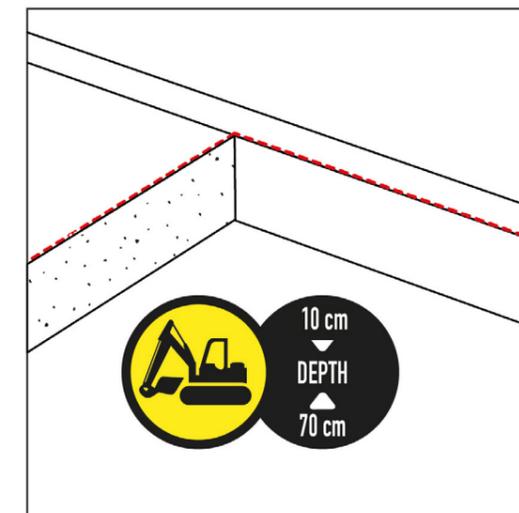
- › Pedestrian way : from 10 to 30 cm.*
- › Carpark : from 40 to 50 cm.*
- › Fireman access : from 50 to 60 cm.*
- › Trucks : from 60 to 70 cm.*

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

- › Compact with a vibrating plate.

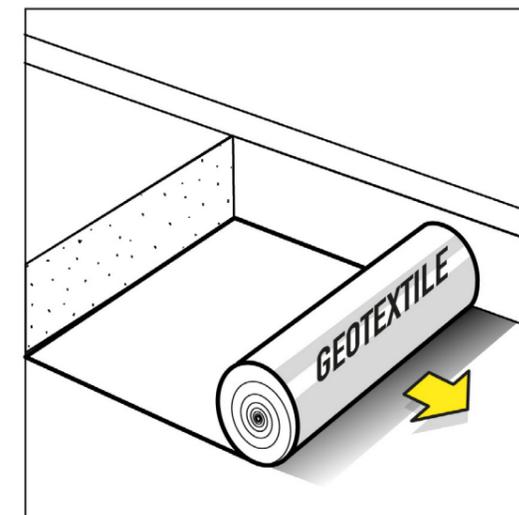
N.B: It is important to check at least the load-bearing capacity of the soil and its permeability. Also check if the ground is prone to rising groundwater.

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

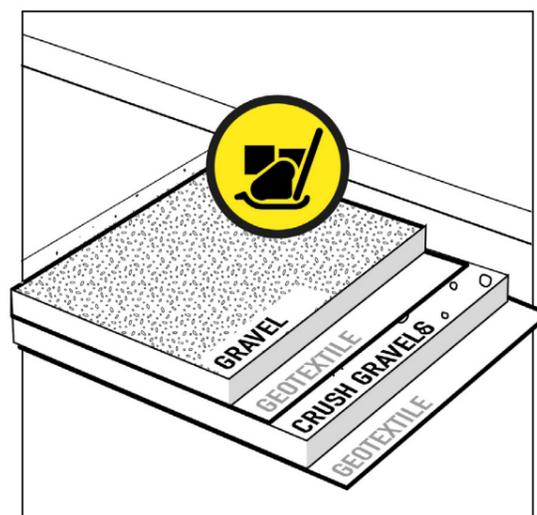
- › Lay a draining foundation layer of 40/80 crushed stone to 30-50 cm depth.
- › Compact with a vibrating plate.

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.



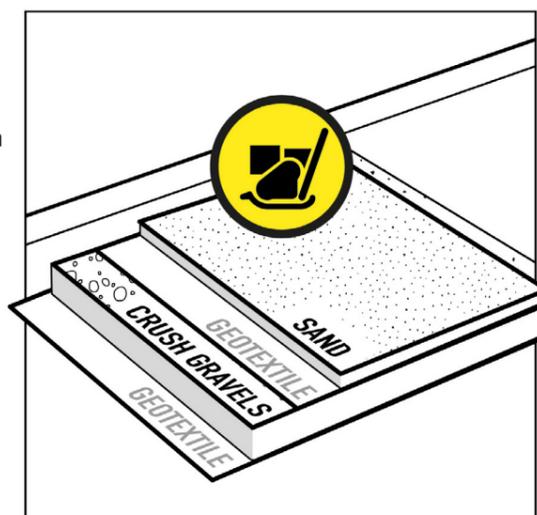
5 SUB-BASE

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

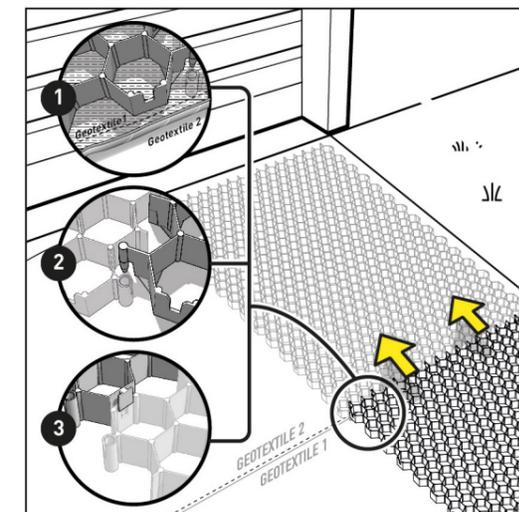
- › Lay a levelling layer of 5 mm-to-dust to a depth of 1-4 cm.

This layer provides a clean surface and corrects any variation in level.



7 INSTALL ALVEPLAC®

- › Clip the mats together to prevent from eventual separating over time, and ensure the geotextile is well overlapped underneath each join to avoid weed growth.



8 FILLING AND FINISHING

- › Fill using 5/15 or 8/16 gravel, ensuring that all cells are completely filled.
- › Add approximately 2 cm of gravel on top of the tiles to ensure optimum product performance.

There is then the option to tamp the surface to ensure that the whole area is evenly compacted.

