

Jouplast®

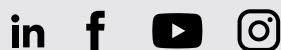
DIRECTIONS FOR USE

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



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.
- › ALVEPLAC® must be laid on a stable and well compacted base. Please don't miss it, otherwise its functionality could be seriously impaired.

MAINTENANCE

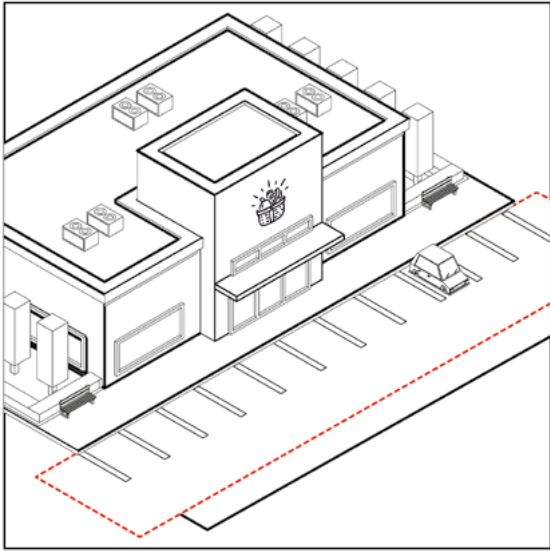
- › Gravel raking may be required from time to time.
- › Add gravel if necessary.

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.



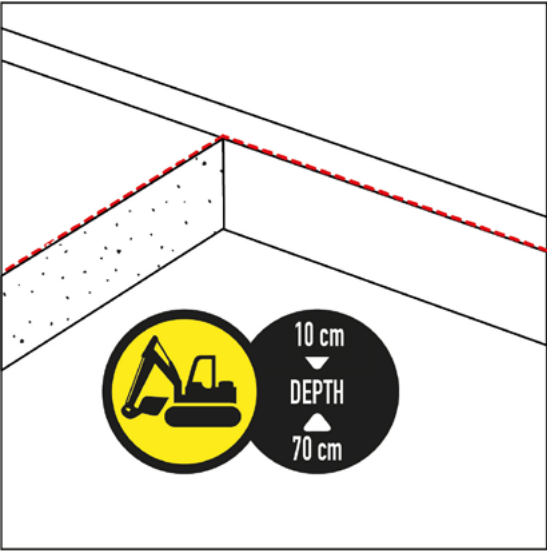
2 PREPARING THE SUB-BASE

- › 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.

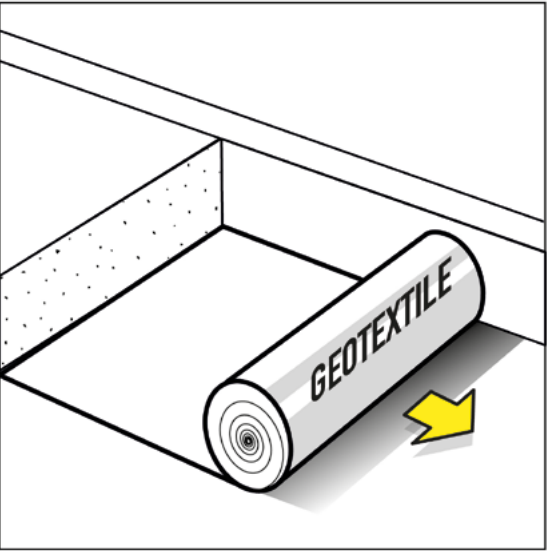
- › Compact with a vibrating plate.

*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

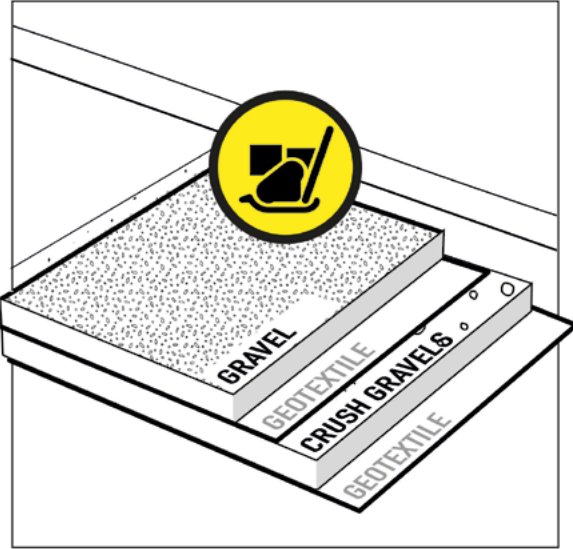
- › Lay a draining foundation layer of 40/80 crushed stone to 30-50 cm depth.
- › Compact with a vibrating plate.

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.

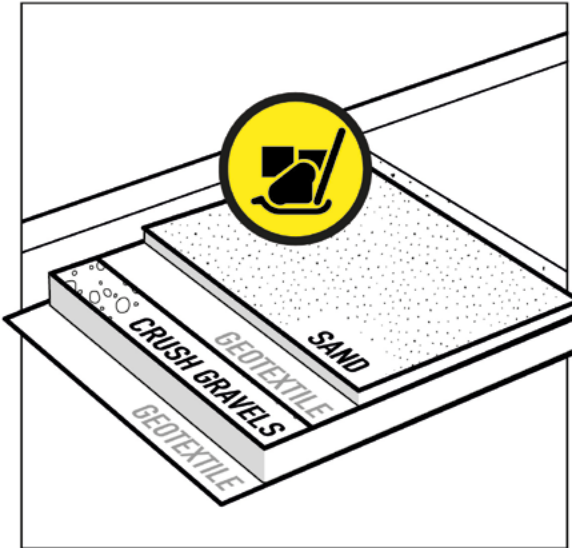


5 SUB-BASE

- › 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.

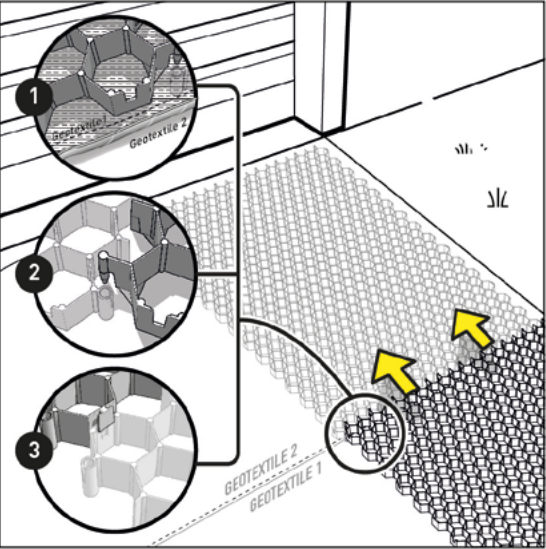
6 LEVELLING LAYER

- › 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®

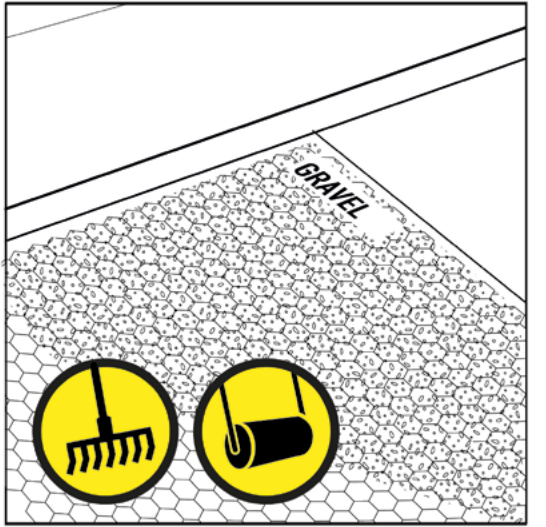
- › Clip the mats together to prevent from eventual separating over time, and ensure the geotextile is well overlapped underneath each join to avoid weed growth.



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.



SPECIFIC CASE

ZONE MARKER

- › Insert the [zone markers](#) into the selected cells before filling the rest of the cells with gravel. (example : to mark out parking spaces)