

Garden Grid Pro



Garden Grid Pro is a system thanks to which you can easily reinforce any piece of land. Perfect for hardening driveways, parking lots, paths. The system is designed for both public and private areas. Thanks to its mesh construction, you can make it invisible and blend into the structure of the lawn. Very easy to lay, it can be used by both professionals and less experienced users.

Garden Grid Pro a product made from recycled plastics. Our grid is characterized by above-average strength parameters (up to 350t of pressure per m²), high resistance to mechanical damage and deformation. Thanks to its openwork structure, it allows rainwater to be absorbed into the ground, making it an excellent substitute for commonly used paving and granite blocks that do not allow water to penetrate. What's more, because of the built-in system that allows anchoring it in the ground, it can also be used on sloping terrain and as reinforcement for slopes or drainage ditches. Its optimum size makes it suitable for reinforcing both large areas (training yards, parking lots) and small home driveways or paths.

ECOLOGY:



For production we use 100% recycled materials thus you reducing pollution of our planet,



The grid allows plants to grow in its free spaces by which you increase the amount of green space (about 85% of the surface of the grid).



Protect escarpments and slopes from landslides,



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TECHNICAL ADVANTAGES:

- 1 High resistance to mechanical damage and deformation,
 - 2 High resistance to changing climatic conditions and UV radiation (25 years)
 - 3 High resistance to static and dynamic loads while maintaining low dead weight,
 - 4 Easily adaptable to varying site conditions from flat large-area plazas to steep piers
 - 5 Quick, hassle-free and durable connection system.
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AESTHETIC ADVANTAGES:

- 1 Possibility to create different shapes by using a variety of fillings, i.e. grass, gravel, bark, decorative aggregate, etc,
 - 2 Lack of ruts, thanks to its compact design, the grid transfers loads evenly to the ground,
 - 3 After being filled with aggregate or vegetation, the grid melts with the surroundings making it almost invisible.
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HOW TO INSTALL THE GRID?

1. Delineate the target level with string and stakes.
2. Select the appropriate amount of soil depending on the destination.
3. Level and compact the prepared trench.
4. Spread and compact the base layer.
5. Spread and compact the leveling layer.
6. Lay the Garden Grid Pro grid.
7. Compact the laid grid with a roller or compactor.
8. Fill the grid according to your preference. (grit/grass/bark)

GROUND PREPARATION:

Base layer

cars

trucks

surface thickness 20-30cm

surface thickness 50-65cm

gravel and gravel mixture of 0.32- 0.45mm fraction of compaction

Leveling layer

layer under grits

layer under grasses

surface thickness 2,5-5cm

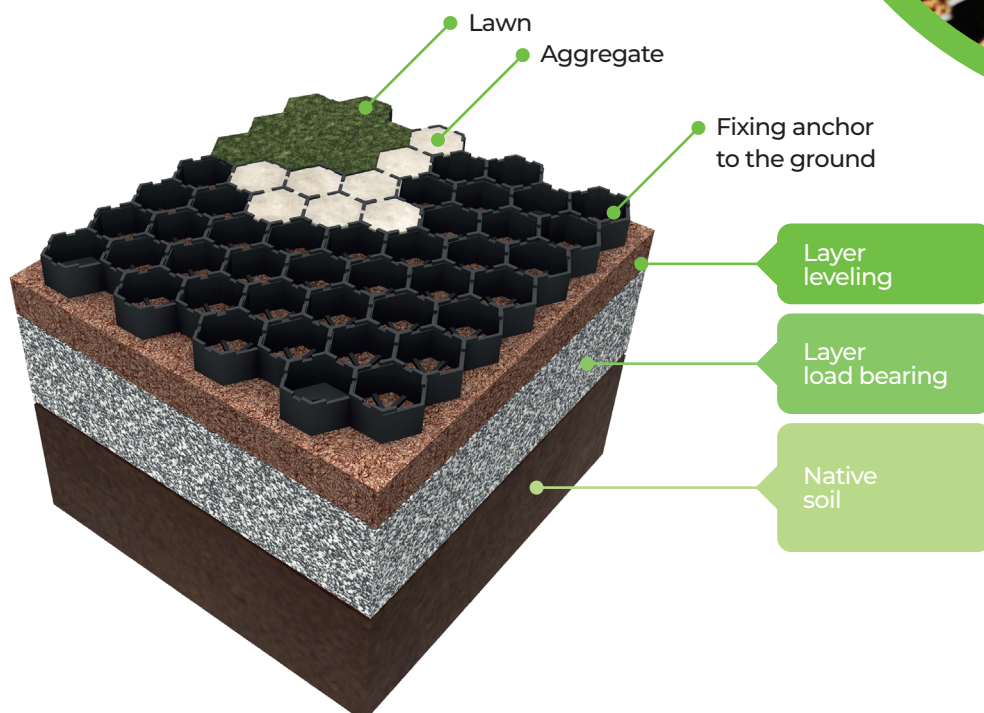
surface thickness 2,5-5cm

mixture of grit and sand fraction 8-12mm

compost with sand and perlite (recommended)

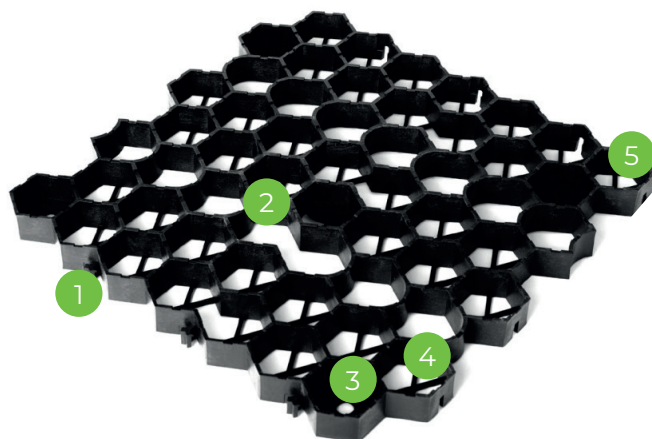
RECOMMENDATIONS:

1. backfill Garden Grid to a height of 0.5cm from its main edge
2. recommended to fix with anchors, especially in sloping areas
3. in the case of sowing grass, protect the seeds with a thin layer of sand/soil and water generously.

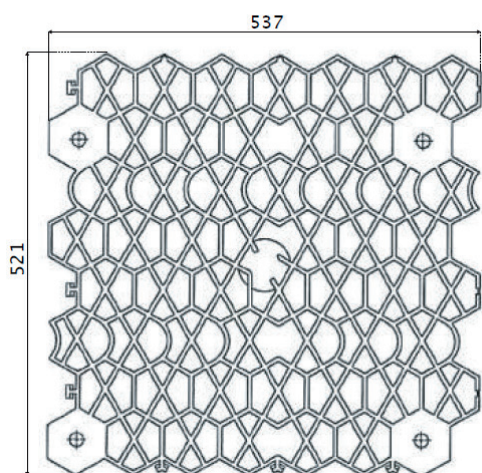


WHY IS OUR GRID PRO?

1. Three fixings on each edge
2. Semicircular shape to compensate for thermal deformation
3. Four grooves for anchoring the grid
4. X-shaped bottom reinforcement prevents the grid from collapsing
5. Anti-slip thanks to special grooves on the walls



SPECIFICATIONS



Material:	PP PE HDPE
Model:	4.2
Measurements:	537 x 521 x 40 mm
Color:	Black ●
Weight:	1,4 kg
Maximum load:	350t/m²
Durability in ground:	over 25 years

