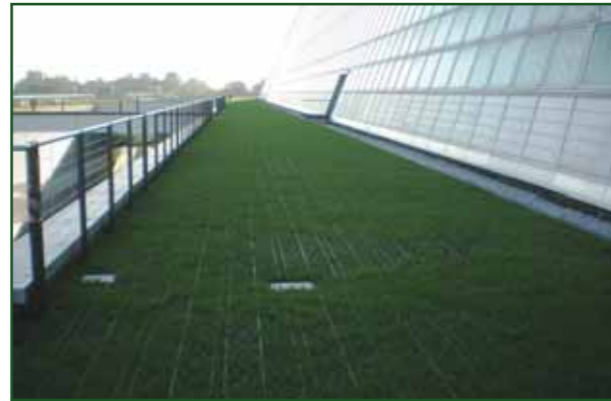
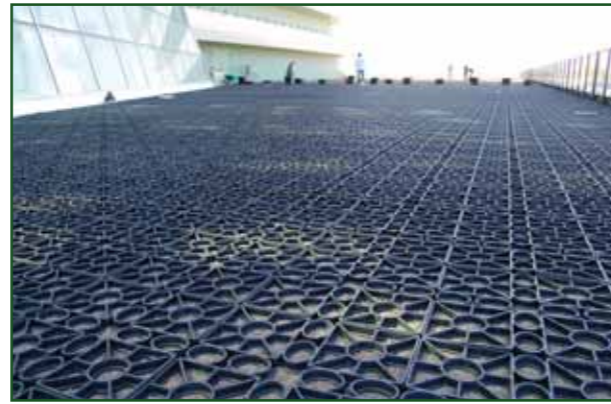




# GEOFLO®



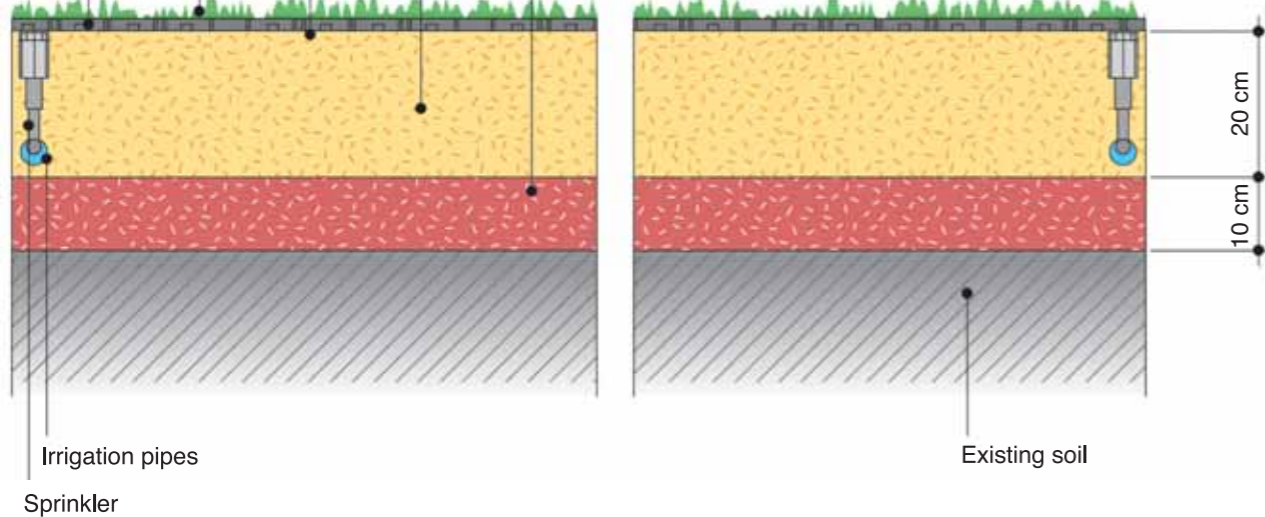
GEOFLO® grid made of PE LD, 24 mm high

Mixture of graminaceous grasses: Mix type 1 (Lp + Pp) or Mix type 2 (Fa + Pp)

Topsoil

Vegetation layer: blend of volcanic aggregate, grain size 0-3 mm 20 cm thickness

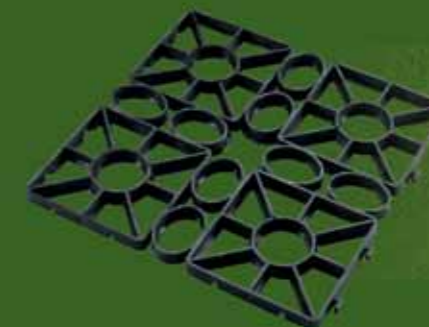
Drainage layer: volcanic lapillus, grain size 5-20 mm, thickness 10 to 15 cm



Disclaimer: the values shown in this brochure are for guidance only. They are not meant to be used for design criteria. Their use and reliance thereon for any purpose by anyone is entirely voluntary and at the sole risk of the user. GEOPLAST is not responsible for any loss, claim, or damage resulting from their use.



Park your car on a green carpet



verde  
green

Authorized dealer:



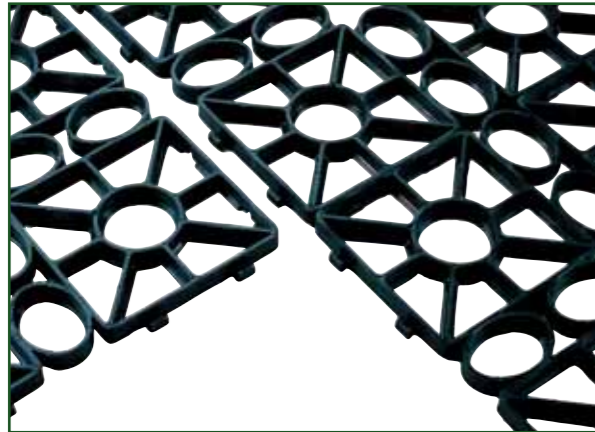
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REV. 001  
ST.10/2010

[www.geoplast.it](http://www.geoplast.it)

## ADVANTAGES GEOFLOR

- Protection of grass and soil;
- Reduction of installation cost compared to alternative methods;
- Can be lifted and removed even after long use to restore a lawn to its previous state, or perform maintenance;
- Can be laid over an existing lawn without having to prepare a subgrade thanks to its elasticity and the interlocking grids;
- **GEOFLOR** can be used for temporary protection of a surface in case of sporting events, exhibitions, concerts or festivals. It can be laid over any surface to create a car park without causing any damage to the grass.



The **GEOFLOR** grids easily interlock, making installation fast and easy and creating a very stable surface.



Installation of roll grass on a base of volcanic aggregate with grain size 0 -12 mm.



Simple and fast laying of the **GEOFLOR** grid.



A surface paved with **GEOFLOR** is usable right away.



20 days after the installation of **GEOFLOR**: grass partially incorporates the grids.



Fully grown **GEOFLOR** green car park.

## CAR PARK WITH GEOFLOR

- Prepare a drainage layer of volcanic lapillus with grain size 5-20 mm diameter, layer thickness of 10-15 cm.
- Install an irrigation system with sprinklers along the longer sides of the car park.
- Lay a mixture of volcanic aggregate (grain size from 0 to 12 mm) with high water storage- and infiltration-capacity.
- Blend in fertilizer containing P (20 g/m<sup>2</sup>), K (40 g/m<sup>2</sup>), slow release N (10 g/m<sup>2</sup> at least 80% from organic synthesis).
- Compact the surface by watering, soft rolling it when dry; repeat until properly set.
- Lay pre-vegetated mats of *festuca arundinacea* (fescue) on a permeable subgrade with infiltration speed similar to the one of the vegetation layer.
- Sow a mixture of graminaceous grasses, mainly *festuca arundinacea* (fescue) >=85%, and *poa pratensis* <= 15%, each in at least two varieties.
- Lay the Geoplast **GEOFLOR** grid made of PE LD; gently roll the surface lightly installation. Cut the grass 3-4 times in the following 15-20 days, until it has partially incorporated the grids.

## A GREEN CAR PARK WITH GEOFLOR ON AN EXISTING LAWN

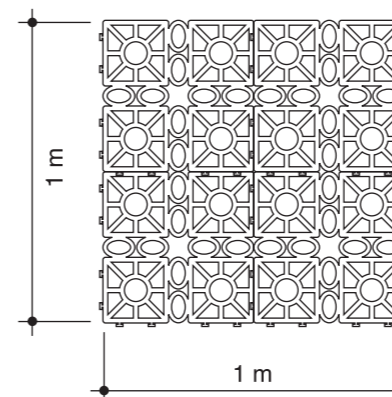
- Install an irrigation system with sprinklers along the longer sides of the parking area.
- Improve the soil structure by spreading a layer of sand of 8 to 10 mm thickness.
- Add a fertilizer containing N (20 g/m<sup>2</sup>), P (8 g/m<sup>2</sup>), K (20 g/m<sup>2</sup>).
- Lay the Geoplast **GEOFLOR** grid made of PE LD; gently roll the surface after installation. Cut the grass 3-4 times in the following 15-20 days, until it has partially incorporated the grids.



<b>MATERIAL</b>	Low density recycled polyethylene (PE LD)*
<b>LOAD BEARING CAPACITY</b>	100 t/m <sup>2</sup>
<b>DIMENSIONS</b>	cm 50x50xH2,4 (4 pcs. = 1 m <sup>2</sup> )
<b>WEIGHT</b>	4 kg per m <sup>2</sup>
<b>PACKING</b>	Disposable pallet 100 m <sup>2</sup> (400 pieces)
<b>COLOUR</b>	Black

(\*) Polyethylene (PE LD): Flexural modulus 780 N/mm<sup>2</sup> – Tensile strength 22 N/mm<sup>2</sup> – Coefficient of thermal expansion 0,2 mm/m/°C.

## DESIGN NOTES



## HOW TO INSTALL GEOFLOR

