



# geograss

the new solution for green car parks



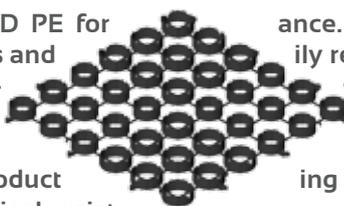
- FAST INSTALLATION
- IDEAL FOR ROLLS OF SOD
- RESISTANT





# GEOGRASS THE SOLUTION

**G**EOGRASS is a grid made of HD PE for the creation of car parks or grass and draining areas subjected to the transit of vehicles. The structure consists in a series of rings connected together by a net that gives the product a great flexibility and a high mechanical resist-



ance. Thanks to these characteristics, the grid can easily resist to the transit of heavy vehicles. Moreover, the special shape of the structure allows the consolidation of the soil and guarantees the perfect drainage of rainwater protecting the roots. A long-lasting result is certainly ensured.

■ CAR PARKS AND  
PARKING AREAS

■ MOVEMENT AREAS OR  
TRANSIT OF VEHICLES

■ LAWN  
PROTECTION

■ PEDESTRIAN  
PATHS

# GEOGRASS ADVANTAGES



## Destructured grid for the protection of grass



### protection

**GEOGRASS** protects the roots from the transit of vehicles allowing the correct growth of the grass



### fast

The innovative coupling allows the pre-assembly of the grids, improving the installation



### durability

The structure and the characteristics of the material guarantee a safe and long-lasting result



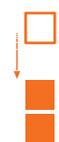
### resistant

The structure and the special material gives **GEOGRASS** an high mechanical resistance, in fact it can safely be installed under heavy trafficked areas



### draining

**GEOGRASS** has an excellent void ratio that guarantees a perfect drainage of rainwater, avoiding stagnations on the surface



### stackable

The particular structure allows the grids to be interlocked in order to save space and reduce the storage volume

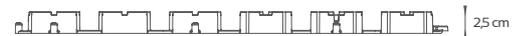
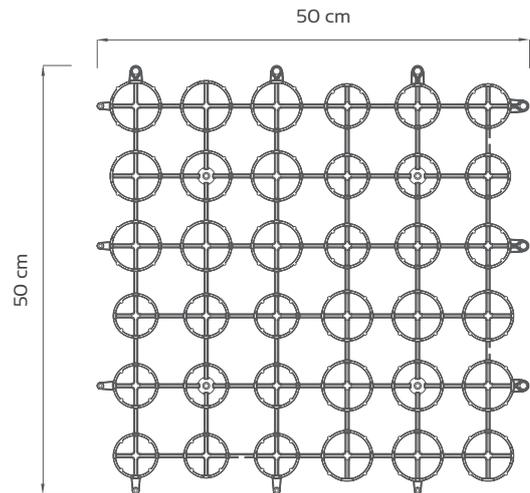
# GEOGRASS

## TECHNICAL CHARACTERISTICS

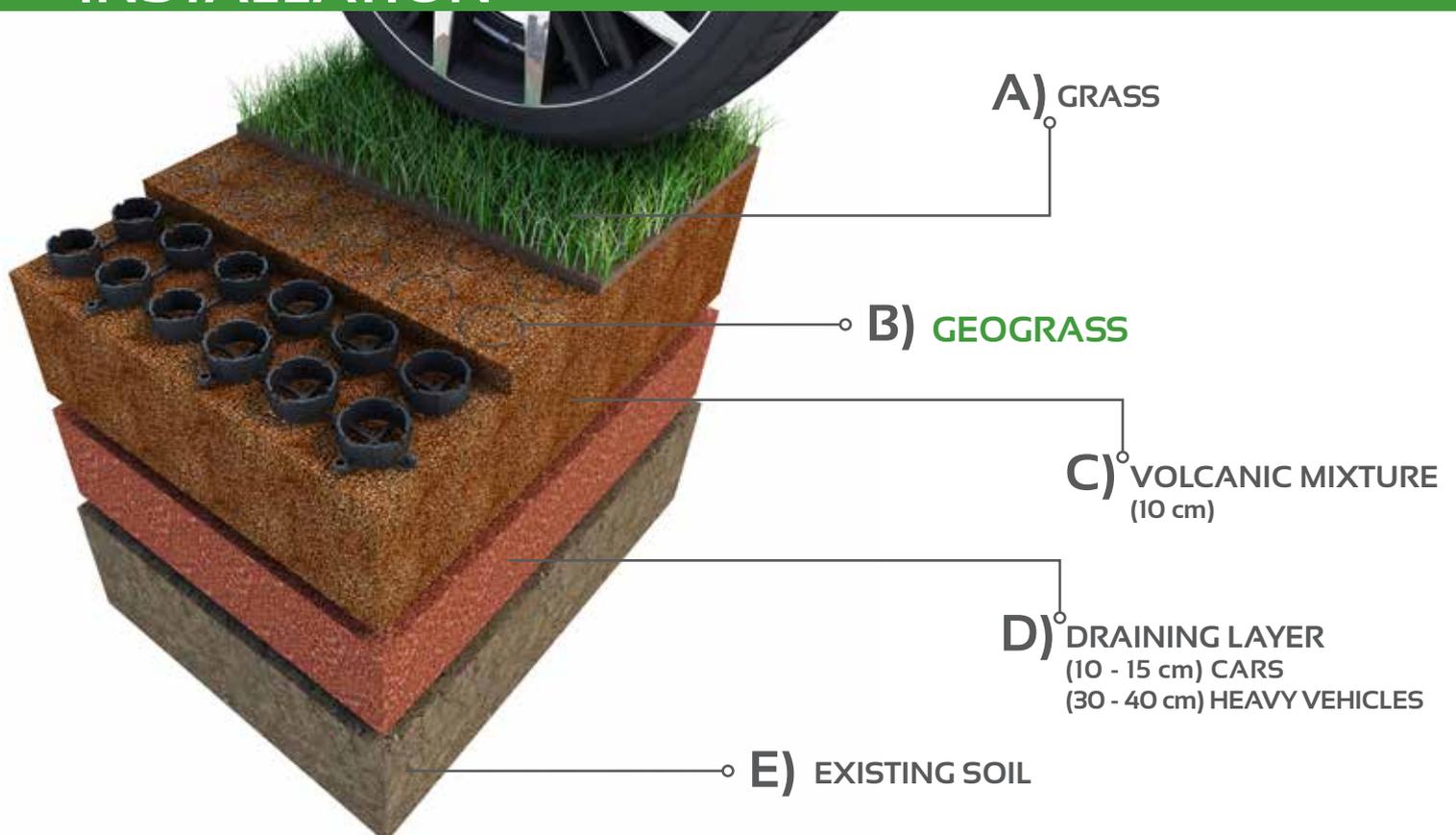


### GEOGRASS

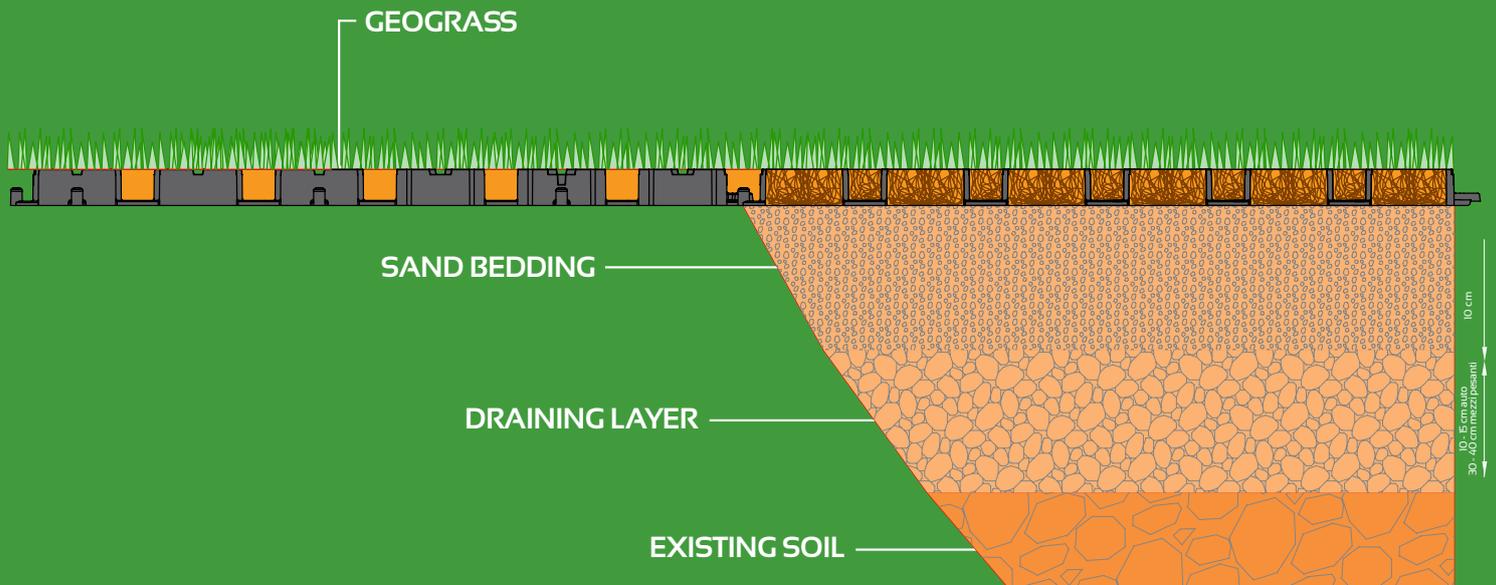
Real size (cm)	50 x 50 x H2.5
Wall thickness (mm)	2.2
material	HD PE
weight (kg)	0.5
packaging size (cm)	100 x 120 x H240
sqm. per pallet	200
no. pcs. per pallet	800
load capacity (ton/sqm.)	400
Color	Black
Permeability	99%



## INSTALLATION



# INSTALLATION GEOGRASS



1

Excavation and creation of a draining layer made of gravel or lapillus (minimum 15-20 cm)



2

Lay the sand bedding (at least 10 cm) of volcanic sand or silicium sand enriched with fertilizers



3

GEOGRASS installation



4

Grid covering with the same sands of the sand bedding up to the edge



5

Grass seeding and installation of the roll of sod



6

Final result. We recommend to avoid the transit of vehicles at least until 2 or 3 grass clippings

# GRASS CAR PARKS



**High resistant**  
transitable lawns

**High permeability**  
**High resistance**  
**Grass protection**

**GEOGRASS** is a grid with a high mechanical resistance that allows the creation of grass car parks for the parking of heavy vehicles. Its special structure avoids the ground compaction which can cause damages to the grass but also give an high aes-

thetical effect to the entire lawn. **GEOGRASS** conformation guarantees a perfect permeability favouring a fast disposal of rainwater and avoiding stagnations and furrows.



# LAWN PROTECTION



**Long-lasting**  
aesthetical effect

**Transitable**  
Resistance to low temperatures  
**Aesthetic**

**GEOGRASS** allows the creation of stable and comfortable grass surfaces which are transitable thanks to the perfect consolidation of the soil. The grid permits the passage of the water avoiding stagnation and respecting the regulation on "draining surfaces".

**GEOGRASS** structure protects the grass and permits the correct growth of the roots giving an high aesthetical effect to the entire lawn.



**GEOPLAST S.p.A.**

35010 Grantorto PD - Italia - Via Martiri della Libertà, 6/8  
tel +39 049 9490289 - fax +39 049 9494028  
e-mail: [geoplast@geoplast.it](mailto:geoplast@geoplast.it) - [www.geoplast.it](http://www.geoplast.it)

