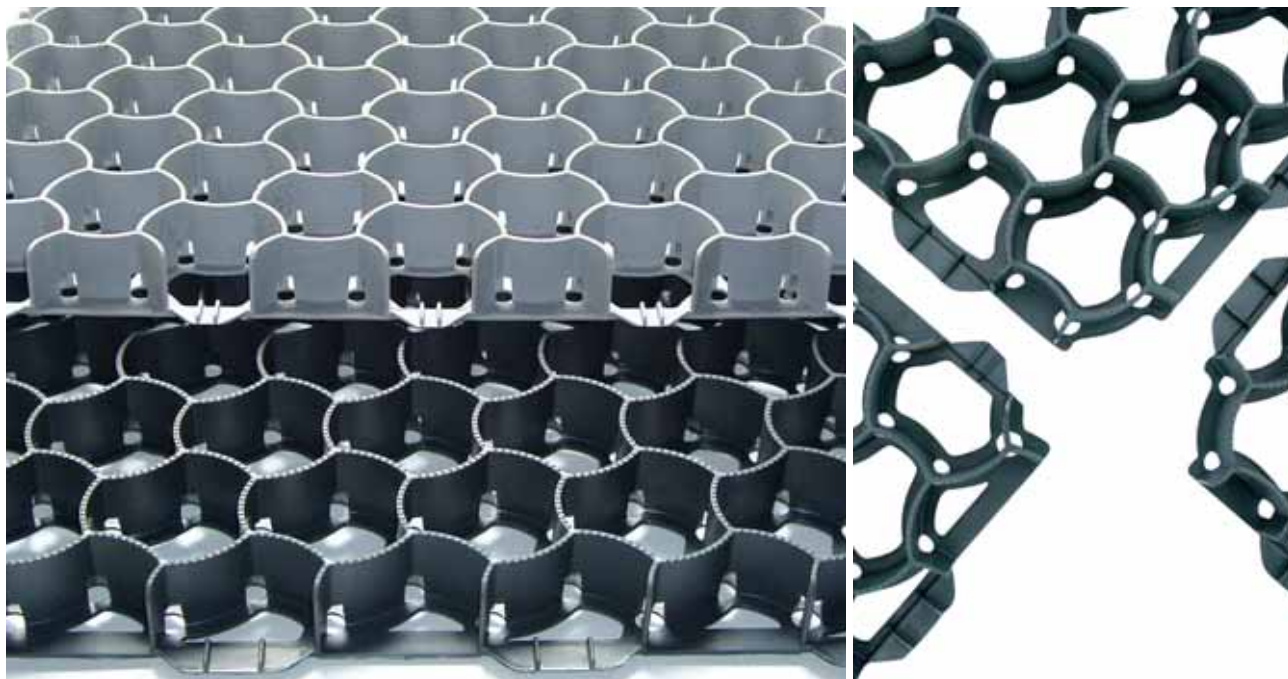




## SALVAVERDE EXECUTION OF A DRIVABLE TURF SURFACE

### ADVANTAGES

- Full protection of the grass lawn.
- Compression resistance of up to 350 tons / m<sup>2</sup>.
- Swift and easy installation with the double-overlap connection system.
- Non-slip upper contours.
- Suitable for parking, driveways, golf courses, etc.
- UV-resistant material.
- The grid's regular shape makes grass growing even and homogeneous.



Execution of a reinforced lawn with the GEOPLAST SALVAVERDE grid in PE HD:

- A)** Lay a 150 to 200 mm subbase of compacted gravel size 5-20 mm, compression resistance 35 N/m<sup>2</sup> (UNI 7549/7).
- B)** Execution of the bedding for Geoplast SALVAVERDE with 30 to 40 mm of volcanic sand enriched with compost and organic fertilizers, particle size 0-5 mm, well compacted and perfectly leveled.
- C)** Lay the Geoplast SALVAVERDE grid with the following characteristics:
- Grids made of PE HD, UV-resistant.
  - Compression resistance of up to 350 tons / m<sup>2</sup>.
  - Surface permeability: up to 95%.
  - Thermal active joint between the grids.
  - The grids can be driven upon as soon as the cells have been completely filled.
  - Installation from above with double-overlap connection for maximum stability of the system.
- D)** Execution of the turf protected by SALVAVERDE:
- Completely fill the SALVAVERDE cells with:
    - blend of silica sand and vegetation soil, enriched with peat and organic humus;
    - alternatively, blend of volcanic sand size 0-5 mm, enriched with vegetation soli and organic fertilisers.
  - Delivery and seeding.
  - Delivery and installation of marker caps (white or yellow) for marking parking lots, pedestrian or vehicle lanes or else.

### UPKEEP AND MAINTENANCE

For best result wait until the grass has been cut twice before starting to drive in or park on the surface reinforced with SALVAVERDE. Regular maintenance of the turf is recommended: provide proper fertilisation, check the irrigation system and refill with vegetation soil any grid cell should the soil have sunk.



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.

Authorized dealer:



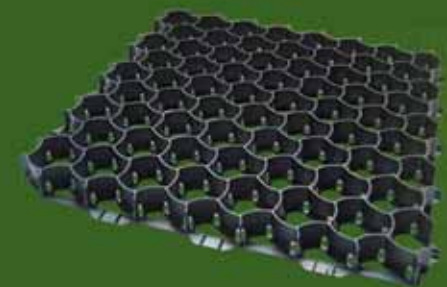
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REV.000  
ST. 01/2011

# SALVAVERDE



The right protection for turf driveways



verde  
green

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



- Execution of a reinforced gravel surface with the GEOPLAST **SALVAVERDE** grid in PE HD:
- A) Lay a 150 to 200 mm subbase of compacted gravel size 5-20 mm.
  - B) Execution of the bedding for Geoplast **SALVAVERDE** with 30 to 40 mm of well compacted silica sand.
  - C) Geoplast's **SALVAVERDE** grid with the following characteristics:
    - Grids made of PE HD, UV-resistant.
    - Compression resistance equal to 350 tons per m².
    - Thermal active joint between the grids.
    - Surface permeability: up to 95%.
    - The grids can be driven upon as soon as the cells have been completely filled with gravel.
    - Installation from above with double-overlap connection for maximum stability of the system.
  - D) Completely fill the **SALVAVERDE** cells with gravel:
    - Fill the cells of **SALVAVERDE** to the brim with gravel (particle size 2-5 mm).
    - Delivery and installation of marker caps (white or yellow) for marking parking lots, pedestrian or vehicle lanes or else.



**CERTIFIED QUALITY**

**SALVAVERDE**

is a product tested and certified by

**TEST REPORT No. 277/4/01**

issued by **TECNOPROVE - Vicenza, Italy**



FEATURES

MATERIAL	High density polyethylene (PE HD) (*) recycled and UV rays resistant. As it is recycled material, shade variations are possible.
LOAD BEARING CAPACITY	350 tons per m²
CONCENTRATED LOAD	15 tons out of 30X30 cm
DIMENSION (Type A)	cm 50 x 50 x 4 h (4 pieces = 1 m²)
DIMENSION (Type B)	cm 58 x 58 x 4 h (3 pieces = 1 m²)
WEIGHT	1 kg (A type) - 1.3 kg (B type)
COLOUR	Green (for lawn parking) - Grey (to fill with gravel)

(\*) Polyethylene (PE HD): Tensile strength 22 N/mm² - Flexural modulus 780 N/mm² - Coefficient of thermal expansion 0.2 mm/m/°C

STABILITY

- The space between the grid junctions provides excellent stability in seasons with marked temperature changes.
- The pegs integrated in the grid ensure the stability of the system under vehicle traffic and ground settling.
- The grid cells make grass rooting easy and ensure permeability even in the case of heavy rainfall.
- The double-overlap connection makes installation fast and easy, while ensuring perfect stability to the system.
- The cell shape and size creates an easy to walk on surface, and is not of obstacle to lawnmowers, bicycles, baby prams or wheelchairs.

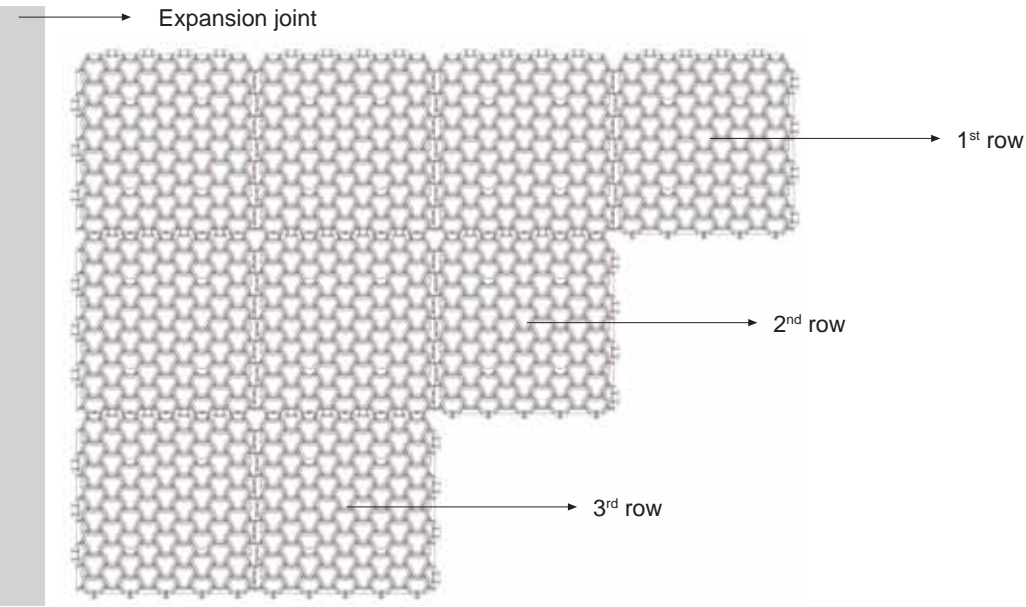
ACCESSORIES

Marker caps of standard colour (white or yellow) to be inserted in the cells to mark driveways, car parks, etc.



SYSTEM BUILD-UP

- Cells filled with a blend of vegetation soil and volcanic sand
- Sand bedding 30-40 mm thickness
- Permeable subbase (for example aggregate)



- The connection device and the low weight of each grid make installation easy and fast (a person can install 50 m² per hour).
- Installation is easy thanks to the special double-overlap connection system of the grids, which ensures a perfectly stable surface.
- The **SALVAVERDE** grids are easy to trim to size to adjust for kerbs, borders, manhole covers or else.
- Each grid is equipped with built-in pegs which anchor it to the ground and prevent unwanted shifting under vehicle traffic load.
- It is best not to install the grids staggered.
- When installed during the hot season, it is best to fill the cells immediately in order to avoid excessive thermal expansion of the grids.
- It is good practice to leave an expansion joint close to concrete borders.