



Water Management for Life

ESTABLISHED IN 1986

Ideal for grass driveways and footpaths

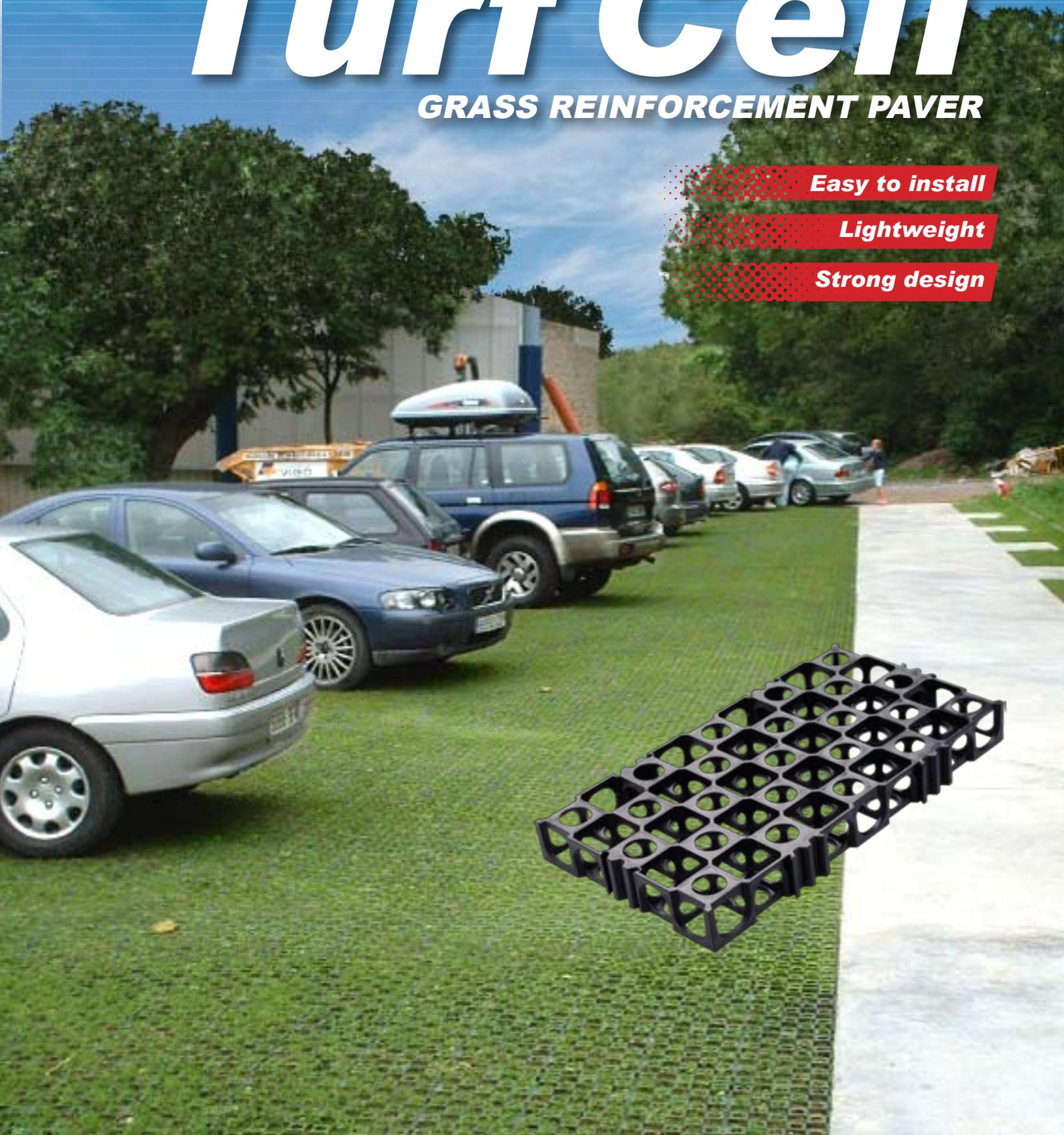
Turf Cell[®]

GRASS REINFORCEMENT PAVER

Easy to install

Lightweight

Strong design



Turf Stabilisation

Ideal to house and protects grass

The **Turf Cell**[®] reinforcement structure is the most effective product available for both horizontal and vertical root growth.

Unlike concrete systems, the roots remain cool and grass growth thrives. Driving vehicles onto the grass has no effect on the protected roots.

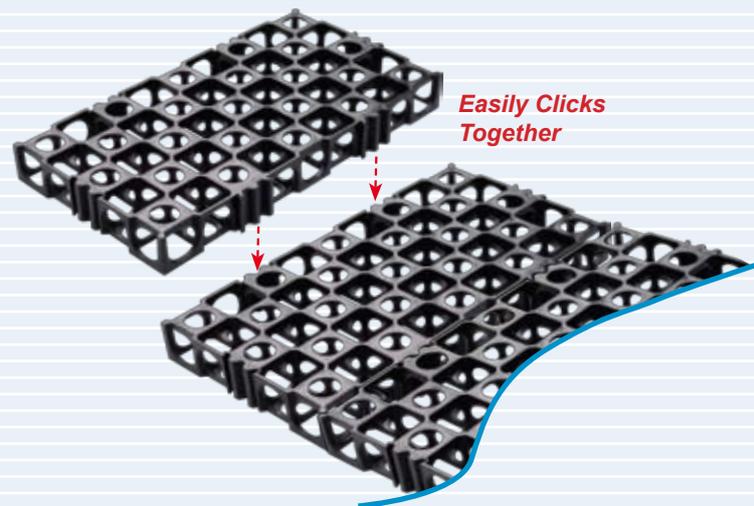
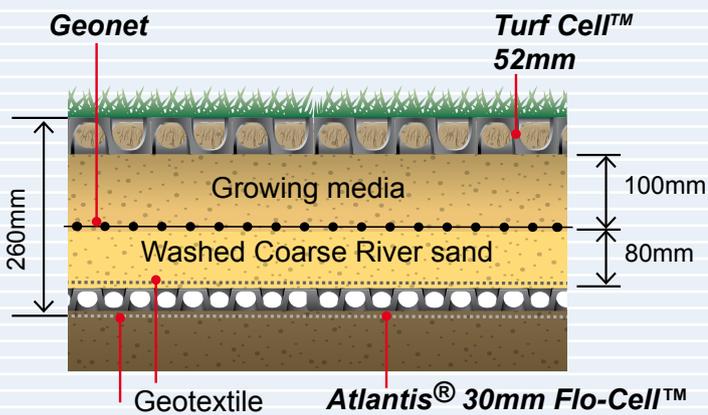
Aesthetically, the product allows the grass to fill in completely, creating a lush lawn with an invisible reinforcement structure.

Applications

The cells can be used in any situation where low to medium use parking surfaces, access roads and driveways are required.

The cells can also be used for the construction of swales to collect rainwater and direct water to surface infiltration areas such as Atlantis[®] sub surface Infiltration channels.

- Access roads
- Footpath
- Parking bays
- Driveways



Access Roads



Parking Bays

Installations

Doctor's Office Parking Lot



Patients arriving at this Doctor's Professional Building car park in the grass lot whenever the paved lot is full. Even during wet weather when grass fields can become sloppy and muddy, Turf Cell® grass pavers keep this lot stable, making it pedestrian and vehicle friendly. It was construction friendly, too, as the entire 2323 m² lot was constructed over a single weekend. The lateral openings of the Turf Cell® grass paver will work extremely well with the rhizomatous St. Augustine Grass to keep the lot looking great.



Turf Cell Specifications

Material	100% Post Consumer Recycled Polypropylene
Chemical Resistance	Excellent
Unit Dimensions	52mm x 260mm x 480mm
Panel Dimensions	(8 assembled units) - 1.04m x 0.96m
Unit Depth	52mm
Cells per Unit	45
Nominal Weight	4.58 kg/m ²
Compressive Strength - Confined	greater than 400 t/m ²
Compressive Strength - Unconfined	148.58 t/m ²
Service Temperature - Unfilled	-30° to 120° C



Gravel Cell® reinforcement structure used for access roads. Turf Cell® reinforcement structure used for parking bays.

Installation Guide

For further information refer to the Installation Instructions Brochure



Excavate the area out at approx. 230mm of depth. Base of excavation should be flat and relatively level.



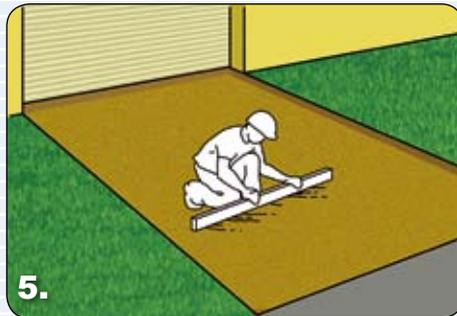
Lay a layer of washed coarse river sand.



Compact the sand to 80mm thickness



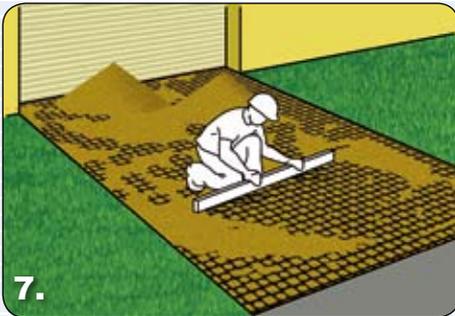
Lay down mixture of sand & topsoil (growing Media) to 100mm.



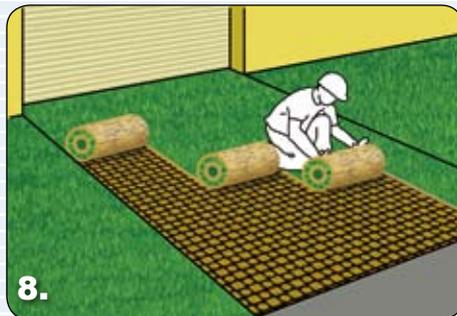
Screen the growing media flat



Lay down 52mm Turf Cell®



Fill Turf Cell® grass pavers with a mixture of sand & topsoil (growing Media) or compost



Roll desired turf over Turf Cell



Water and fertilise to suit weather conditions

For more information or technical assistance please call 1300 38 28 38

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Safety Factors: Engineers, designers and geotechnical engineers should design and calculate safety factors to a serviceable limited state to suit specific project. In case of doubt, consult your nearest distributor or Atlantis representative.

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