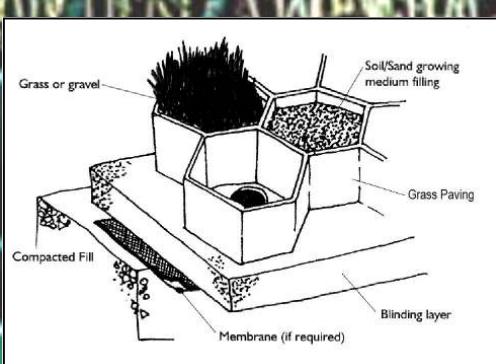


Grass Paving



Uses

- Fire access ways
- Car parking
- Caravan parking
- Footpaths
- Grass Driveways
- Sloping Driveways
- Agricultural entrances
- Erosion control
- Gate and style entrances
- Helipad
- Golf & amenity tracks



Description

Our Grass Paving system is a 500x500mm paver with a 40mm infill depth and 25mm spike zone giving an overall depth of 65mm. It has TUV Certification.



It is manufactured from high quality HDPE and has been approved for use in many high profile applications such as on motorway medians shoulders for the NRA and overflow carparks for the OPW.

Recent applications are at Leinster House, Google in Dublin, the Dept of the Environment in Wexford, Young Offenders Detention Centre in Lusk, M50 Motorway, M7 Motorway, M11 Motorway, Malahide Castle, Grangegorman Hospital, Oakfield House, Howth Golf Club etc.

High quality recycled HDPE makes it both environmentally friendly and very durable, unlike cheaper alternatives which tend to go brittle and splinter rapidly when exposed to sunlight.

The fact that it has a base and integrated spikes makes it very stable when trafficked. The hook and loop connection provides tolerance and makes it easy and fast to install with a lot less cutting required compared to cheaper system which just slot together.

Grass paved areas are fully permeable and will contribute towards flood prevention by allowing rain water to percolate naturally into the ground. It is one of the simplest and cheapest ways of reducing the SUDS requirements on projects.

Pavers can also be filled with gravel for paths and tracks to prevent the gravel migrating when trafficked. They are referred to as Gravel Paving when used in this manner.

Parking markers are available if required.

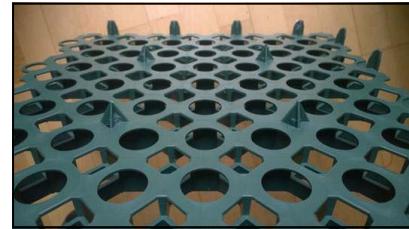
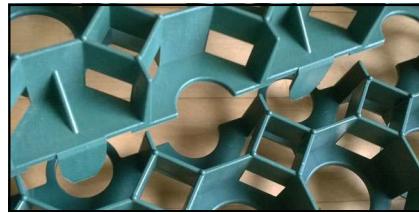


Benefits

- Blends harmoniously into the environment.
- Up to 90% of the surface is grassed.
- Green finish — not visible through grass.
- Can be filled with gravel to provide alternative finish.
- Reinforces soil to increase load capacity.
- No additional surface water drainage required.
- SUDS compliant
- Quick and easy to install.
- Minimal cutting required
- Parking Markers

Unique System Benefits

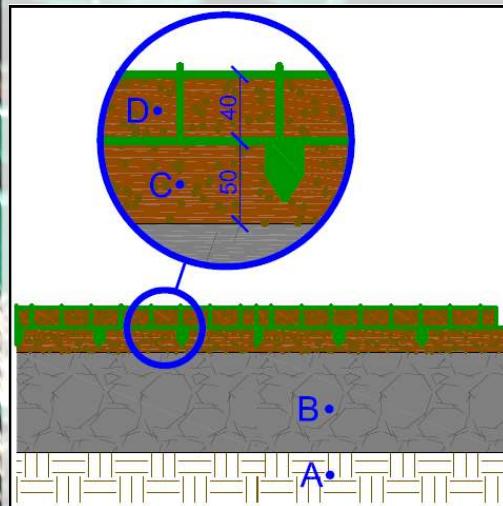
- Hexagonal honeycombs with heavy tapered walls for additional strength
- Made from high quality recycled UV stabilised HDPE for durability
- Base Plate reinforcement for strength and load distribution. No geo-textile underlay required.
- Built-in pins/studs. No additional fixing pins required.
- Connectors which hinge and has tolerance for ease and speed of installation



Paver Technical Data

Material:	Recycled UV-stabilised High Density Polyethylene (HDPE).
Dimensions:	Gross = 500mm x 500mm ± 4% and Net = 483mm x 483mm ± 4%.
Honeycomb Height:	40mm ± 4%.
Pin Height:	25mm ± 4%.
Total Height:	65mm ± 4%.
Weight:	Approx. 1.3kg per paver.
Chemical resistance:	Chemically resistant against ionised water, petrol, diesel, motor oil, sodium hydroxide, hydro-chloric acid
Environment:	Neutral to the environment in accordance with ISO11885, ISO17294-2A, EN17933
Weather:	Weather-proof 1000h in accordance to DIN4892-3
Colours:	Green or Black.
Ground Sealing:	Prevented due to the open design of the paver.
Surface Structure:	Honeycomb structure with anti-sliding studs
Bearing Capacity	Up to 2,500kN/m ² unfilled and in excess of 3,500kN/m ² filled with suitable material
Loading:	Traffic loads in accordance with DIN1072
Filling:	Typically Soil - Sand Mix or Gravel (<20mm).
Certification:	TUV

Typical Installation



- A) **Subsoil Layer**
The subsoil needs to be evaluated to determine its load bearing capacity.
- B) **Sub-base Layer**
The thickness of the sub-base depends on both the bearing capacity of the subsoil and the required bearing capacity of the paved surface.
- C) **Bedding Layer**
The bedding layer is a 50mm layer of suitable bedding material.
- D) **Paver Cells**
The paver cells are filled to just below the surface with growing medium sand soil mix. The pavers are then seeded and fertilised.