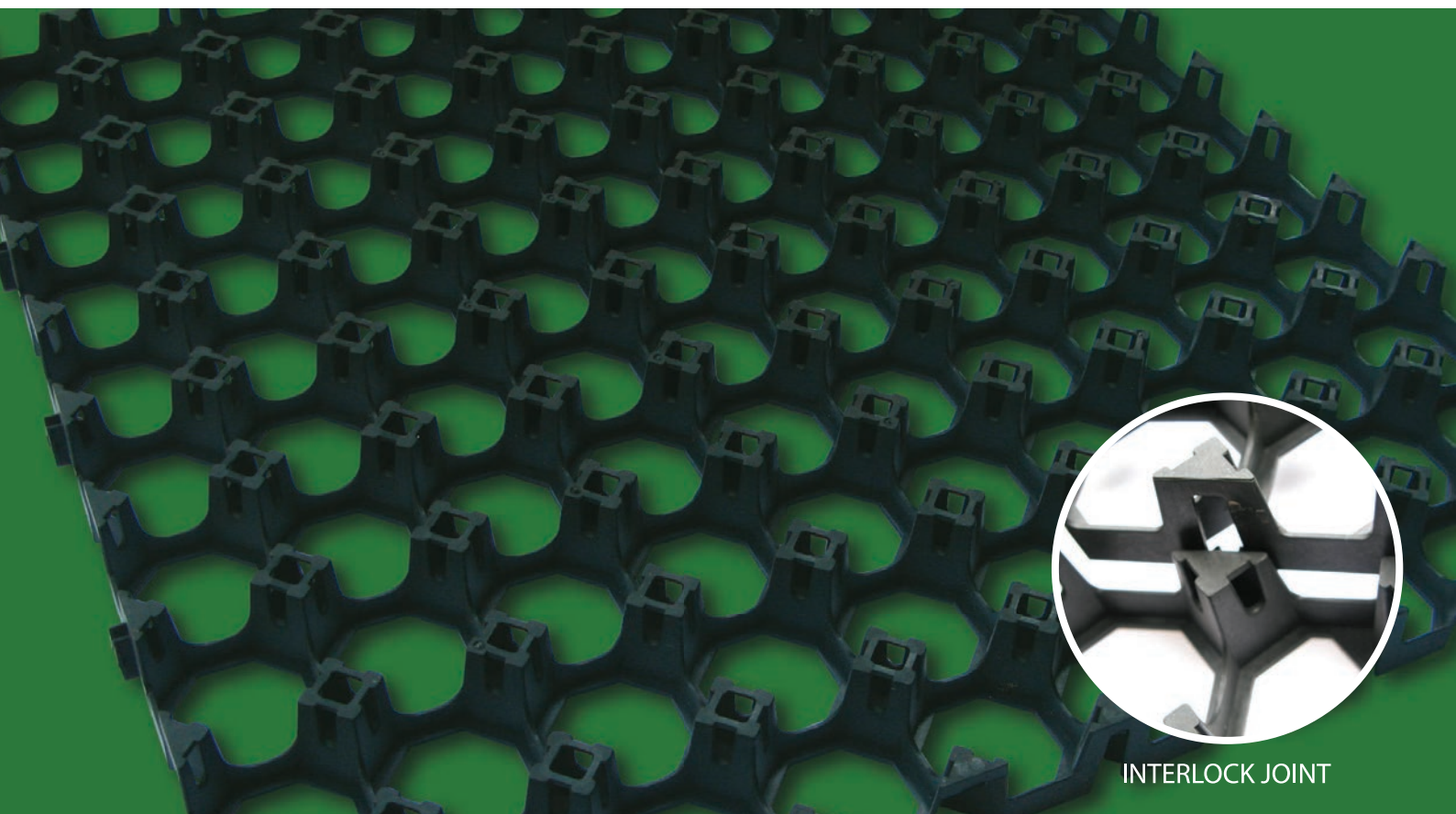




Global Synthetics

turfproTM

Grass Paving System



INTERLOCK JOINT



DRIVEWAY



GOLF COURSE



FIRE TRUCK ACCESS



SLOPES



Global Synthetics

turfproTM

Grass Paving System

turfproTM GRASS PAVING SYSTEM

General

turfproTM is a uniquely designed grass paving system to distribute and support vehicle loads, whilst maintaining a visually pleasing turf surface.

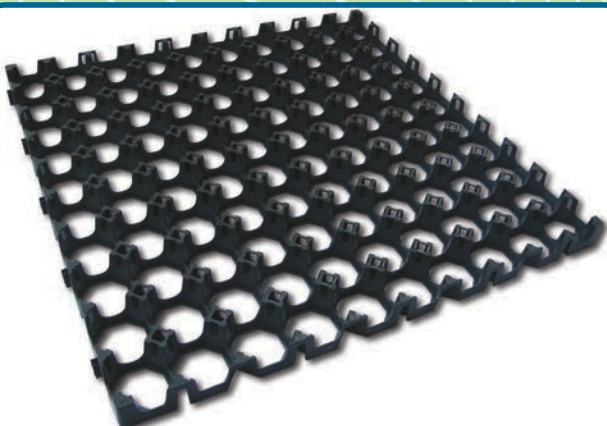
Vehicular access roads, paths and parking areas can be integrated into the landscape of the project, avoiding the use of concrete or asphalt pavements, which can cause consequent additional discharge issues on the site. **turfproTM** can provide for the recharge of groundwater and can limit the amount of discharge that the site might normally produce using conventional pavement treatments.

A firm level base, such as a well graded granular road base (20mm maximum nominal size) or crusher run material is required to provide the support for the **turfproTM** system. In most applications of use it is advisable to place a nonwoven geotextile such as **Geofirma[®] AS 200B** or **ProFab[®] AS 501D** at the underside of the granular material to provide long term separation of the natural "in-situ" materials and the imported granular base materials.

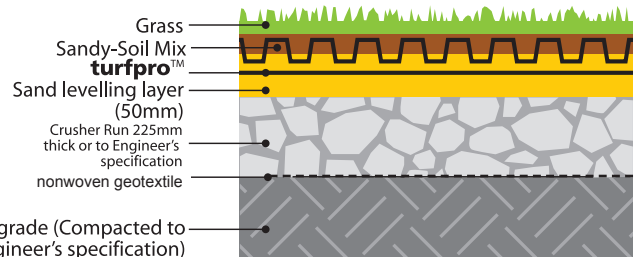
Prior to placement of any base materials, the installer shall compact where necessary "in-situ" materials to the requirements of the project specifications.

To achieve best performance of the **turfproTM** system, care should be taken in assessing on site drainage requirements such as the use of subsoil and surface drains to ensure that the long term integrity of the paving system is not compromised. The **turfproTM** cells are placed into position and joined using the integral clip system. The **turfproTM** cells are then filled using a sandy soil mix that is free draining. Trafficking directly on top of unfilled cells is not allowed. Ensure that materials are end dumped over previously filled and compacted cells and that all spreading operations are completed by only driving on filled cells.

Once all cells are filled and compacted to the project specifications either the laying of sodded turf or seeding shall be undertaken over the **turfproTM**. Regular watering and fertiliser (if required) shall be carried out for a suitable period, to establish rapid root propagation and the establishment of a healthy and stable turf surface.



turfproTM DETAIL





Global Synthetics

turfpro™

Grass Paving System

turfpro™ GRASS PAVING SYSTEM

Applications

turfpro™ is ideal for all vehicular traffic access, including parking areas, golf course paths, staging areas for events, emergency access points for fire trucks, residential courtyards and many other applications of use.

Benefits

- Easy installation
- High compressive strength
- Lightweight with a very high strength to weight ratio
- Reduces rainfall run-off with a large open surface and high internal void ratio
- Durable with all turfpro™ made from polypropylene that is highly resistant to naturally occurring micro-organisms, acids and alkalis likely to be found in soils
- Environmentally friendly with the product able to be recycled if necessary
- Minimal maintenance
- Visually appealing
- Durable made from polypropylene which has high resistance to acids and alkalis in soils

Specifications

PROPERTY		SPECIFICATION
Cell	(mm x mm)	500 x 500 with intergral clips
Cell Depth	(mm)	30
Mass	(kg/m ²)	2
Volume Void	(m ³)	0.027 per m ² of overall cell area (m ²)
Service Temperature	(°C)	-10 to +80
Colour		Black
Compressive Strength	(kPa)	≥ 1000





Global Synthetics



More about Global Synthetics

Global Synthetics is a 100% Australian-owned company, proud to offer a complete range of high-quality geosynthetic products backed by over 100 years of combined staff experience in the industry. We have supplied products to some of the largest recent infrastructure works in Australia. Global Synthetics provides major benefits to any geotechnical engineering project with the right products and our technical expertise.

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