

Product data

Golpla® modules are precision-manufactured hexagonal honeycombs of rigid, high quality re-cycled polymer that link together to form continuous grass reinforcement and erosion control systems.

Each paver is an integral unit with no incomplete cells. This ensures that there is a double wall at each joint, maximising installed strength. The unique patented interlocking system, permits an even spread of the load and assists the installer in maintaining line and level.

Golpla is manufactured from 100% re-cycled polyethylene and polypropylene, and the raw materials are completely re-cyclable. The materials are tolerant to thermal expansion and contraction during extreme temperature fluctuations. Totally inert, the raw materials will not affect surface water run off or filtered surface water passing through the system.

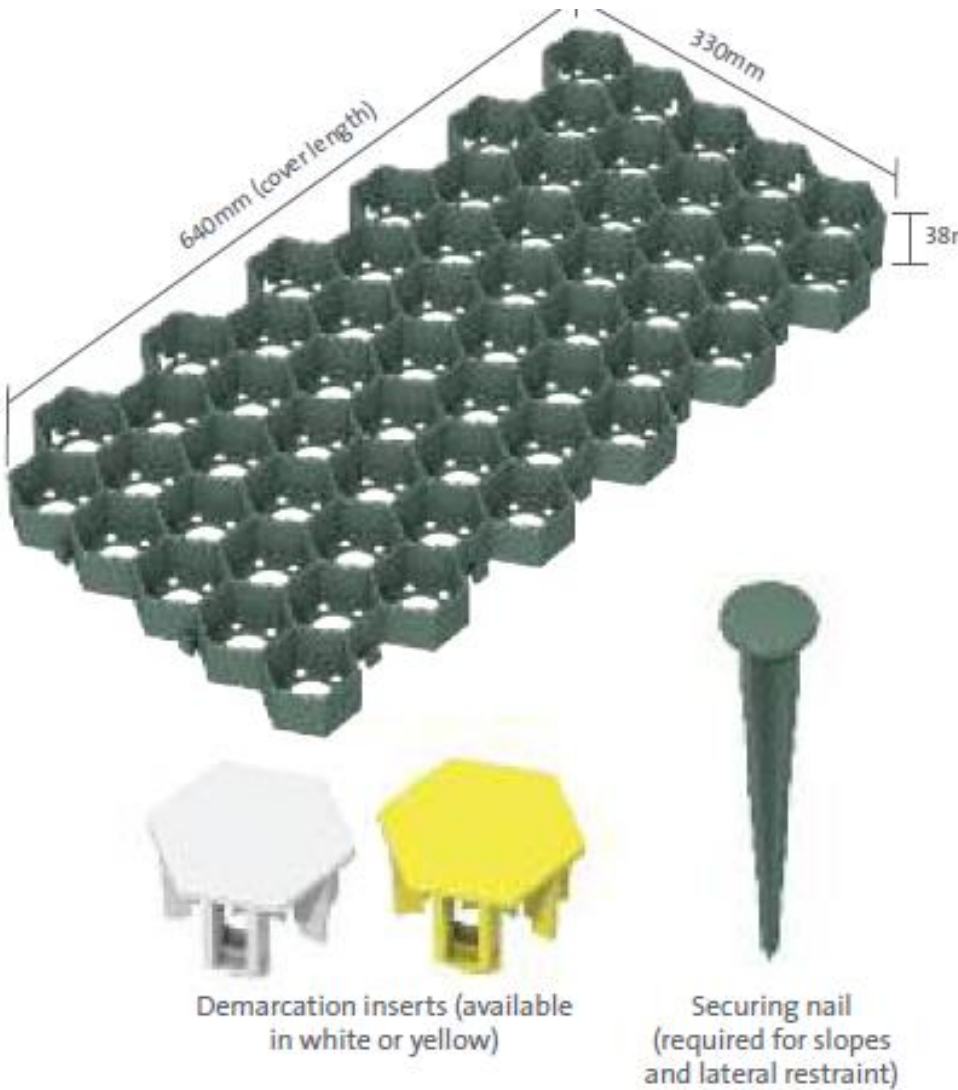
Standards and compliance

Golpla® complies with the requirements of the Water Management Act 2010. Geosynthetics Ltd are accredited to ISO 9001 Quality Management Systems.

SUDS applications

Golpla® is suitable for inclusion in applications where porous paving, high infiltration are necessary as part of SUDS (sustainable urban drainage system) schemes.

National SUDS standards are implemented where development requires planning consent from a Local Authority Suds Approving Body (SAB), increasingly part of local planning requirements. Golpa® systems help control run off, do not affect water quality and can form part of larger rainwater water collection and discharge systems.



Golpla® modules

Nominal dimensions	(cover) length 640 x width 330 x depth 38mm
Modules per m²	5.45
Weight per m²	5.5 Kg/m²
Colour	Green 9 other colours available (see below)
Cells per module	60 no. cells - (Width 63mm)
Material	UV stable 100%, re-cycled polypropylene (80%) and polyethylene (20%)
Load-bearing capacity	Minimum 100kN/m²
Standard packaging	Shrink-wrapped on non-returnable pallets, each measuring approximately 1.2m x 1.1m x 0.95m, weighing approximately 180kg and containing 30.83m²
Golpla® securing nail	245mm long HDPE, round head to fit through base of cells
Demarcation inserts	(white or yellow) hexagonal shape to fit in cell with retaining clip