

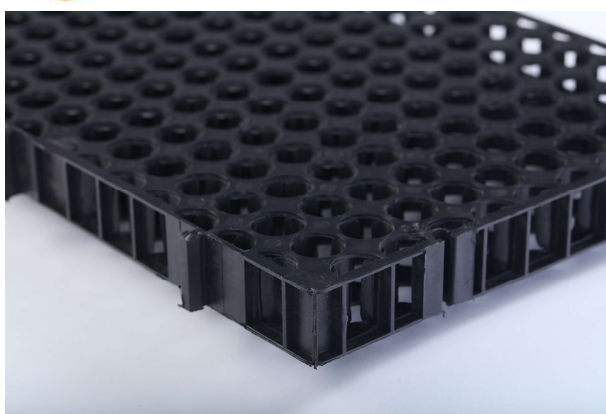
Drain Cell (20mm & 30mm)

TerraShield Drain Cell is a light-weight, high strength modular drainage cell designed primarily for sub-surface drainage. It is manufactured from high strength recycled polyester and used in the construction of roof gardens, plaza decks, basements, concealed drains, planter boxes and sport fields.

It is designed to withstand heavy loads imposed by mechanical equipment. Available in 20mm & 30mm high modules. Drain Cell modules interlock in the same plane and at right angles to one another.

Applications

-  Landscape decks and planter boxes
-  Plaza decks, balconies and pool sides
-  Roof gardens
-  Sport fields and Golf Courses
-  Road edged drains
-  Concealed drains
-  Retaining / basement walls • Storm drains
-  Sub-surfaced Drainage Systems
-  Ground Water Management
-  Water Sensitive Urban Designs (WSUD)



Features

- Interlocking cellular drainage modules.
- Compressive strength of at least 120 tonnes/m²
- Can accommodate both static and dynamic loads during and after installation.
- Good resistance to petroleum-based chemicals and naturally occurring soil chemicals.
- Manufactured from recycled plastics, hence eco-friendly.
- Light weight @ 2.5kg/m² compared to 250 kg/m² of gravel for the same effective drainage and can reduce slab loads.
- No need for use of heavy machinery or skilled labour as it is light and simple to handle and install.
- Maintains actual void size for effective drainage after backfill and compaction. Creates an parch water table, providing air flow for ideal moist conditions for plant growth.
- Cells can easily to cut to required size.

Specifications (20mm & 30mm)

DRAIN CELL - 20MM SPECIFICATIONS	
PROPERTY	20 mm
Material	Recycled polypropylene
Dimensions	500 mm x 250 mm
Height	20mm
Weight	2.5-3 kg/sqm
Surface Void Area	67%
Internal Void Area	92%
Compressive Strength	100 tons/sqm
Drainage Capacity @ 1 % Hydraulic	12.5 l/m.s

DRAIN CELL - 30MM SPECIFICATIONS	
PROPERTY	30 mm
Material	Recycled polypropylene
Dimensions	500 mm x 250 mm
Height	30mm
Weight	2.5-3 kg/sqm
Surface Void Area	67%
Internal Void Area	92%
Compressive Strength	140 tons/sqm
Drainage Capacity @ 1 % Hydraulic	16.5 l/m.s

