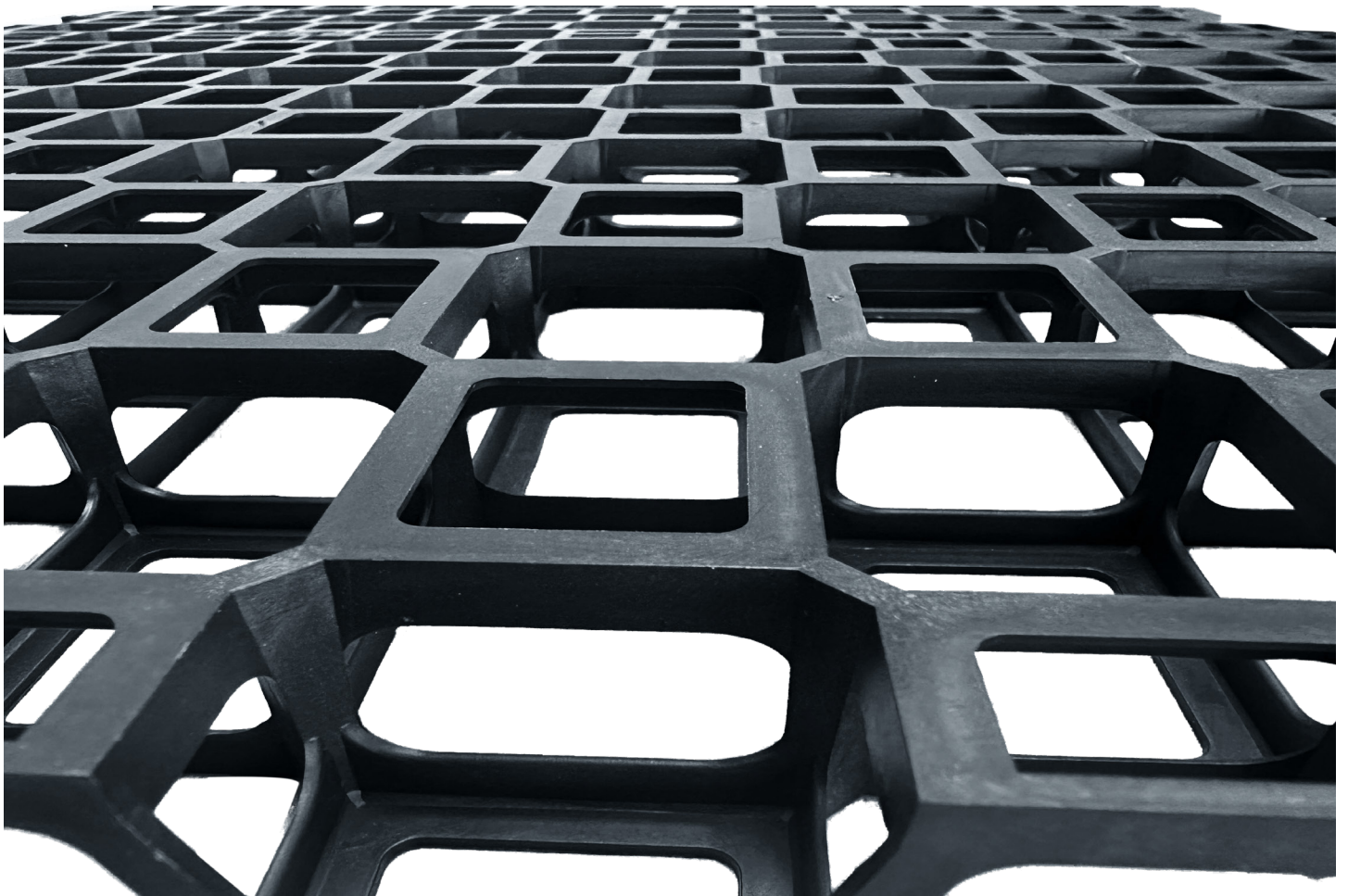


ProDrain® Hydrocell® 50mm Drainage Cell - Heavy Duty

Horizontal Drainage Applications

To provide optimal flow conditions with unique panel geometry



Product Information

ProDrain® Hydrocell® has a high crush strength to support heavy loads. ProDrain® has been designed to provide optimal flow conditions with unique panel geometry.

ProDrain® 50mm comes in a large pre-clipped panel size of 1.2m x 1m, for fast and easy installation.

The modular drainage cell system replaces traditional heavy mineral drainage layers with one lightweight, easy to install system.

Applications

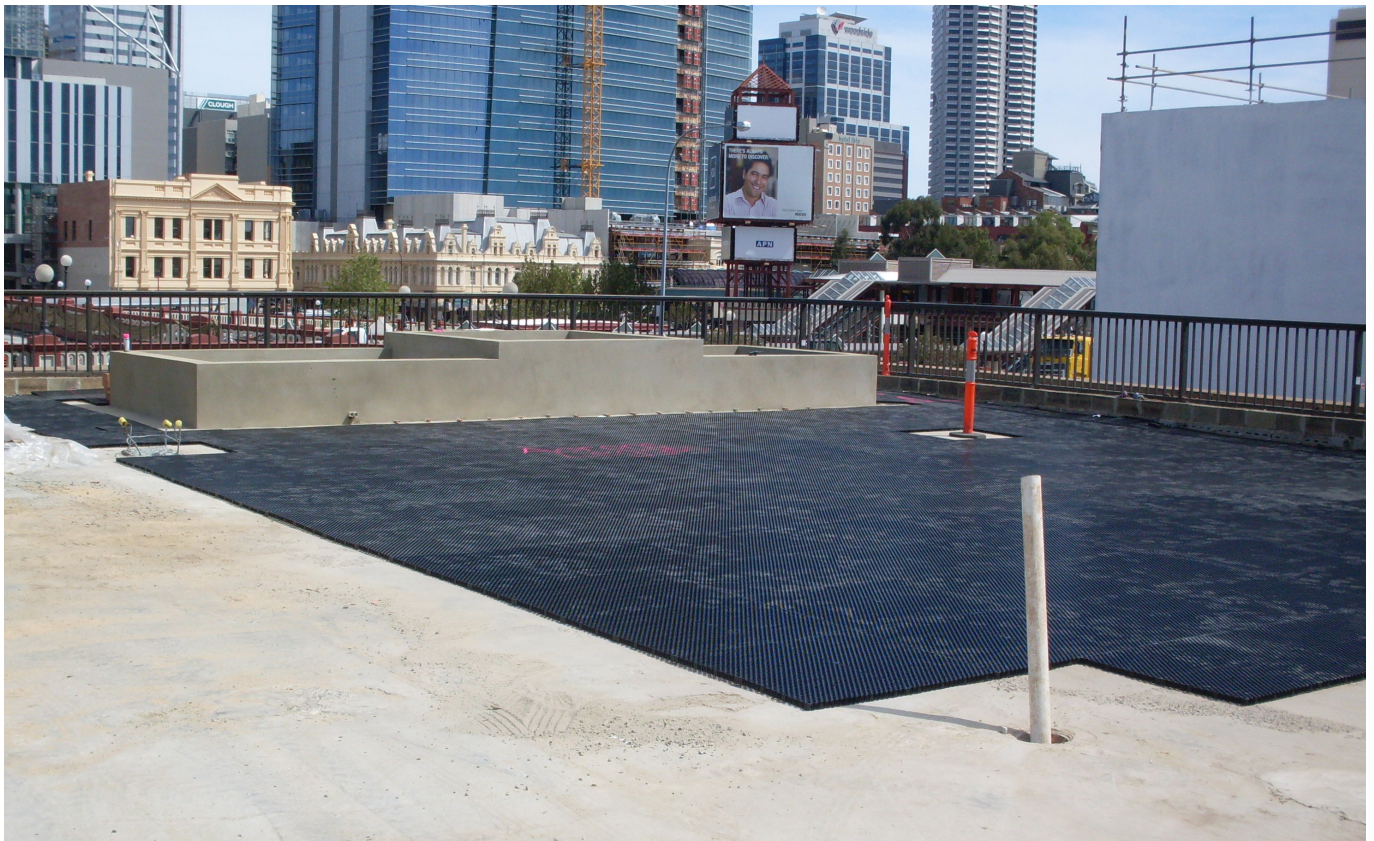
- Podium/plaza drainage
- Rooftop garden drainage
- Planter box drainage
- Vertical drainage panels behind walls
- Landfill Applications

ProDrain® Hydrocell® 50mm Drainage Cell - Heavy Duty

Product Data Sheet

Property	Test Method	Value
Panel Thickness		50mm
Internal Void Ratio		> 90%
Material		Polypropylene
Colour		Black
Biological & Chemical Resistance		Unaffected by moulds and algae, soil-borne chemicals, bacteria and bitumen, oils & light acid or alkaline solutions
Service Temperature		-10°C to 85°C
Compressive Load Capacity	ASTM D1621	>210 t/m ²
Flow Rate	ASTM D4716	>115 l/min per m @ i = 0.01

Suitably qualified designers should apply the appropriate reduction factors for load based on the application.



About Us

Leaders in Geosynthetics

Global Synthetics is a 100% Australian-owned company, proud to offer a complete range of high-quality geosynthetic products backed by over 200 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.

Global Synthetics products are used in the following applications:

- Pavement Stabilisation
- Ground Improvement
- Soil Reinforcement and Retaining Structures
- Water Management
- Drainage Systems & Hydraulic Works
- Landfills
- Coastal Erosion Structures

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