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## NEROCELL 30MM DRAINAGE CELL

### DESCRIPTION

Nerocell 30mm drainage cell is used in many horizontal drainage applications. The product has a high crush strength to support heavy loads with a unique cup structure which provides passive irrigation during prolonged dry weather periods. Nerocell has been designed to provide optimal flow conditions with unique panel geometry. Nerocell comes in a large panel size (500mm x 600mm) with integral clips for fast and easy installation.

### APPLICATION

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

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

### TYPICAL PROPERTIES

PROPERTY	TEST METHOD	TYPICAL VALUE
Panel Width		500mm
Panel Length		600mm
Panel Thickness		30mm
Surface Void Area		68% void
Internal Void Ratio		95%
Material		90% recycled polypropylene +10% proprietary Mix
Colour		Black
Biological & Chemical Resistance		Unaffected by moulds and algae, soil-borne chemicals, bacteria and bitumen, oils & light acid or alkaline solutions
Service Temperature		5°C to 85°C
Compressive Load Capacity	ASTM D1621	> 150 t/m <sup>2</sup>
Flow Rate	ASTM D4716	> 1130 l/min per m @ i = 0.01

All NeroCell is a design registered or design registered pending system of RainSmart Pty Ltd.

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