



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		-10°C to 85°C
Compressive Load Capacity	ASTM D1621	> 140 t/m ²
Flow Rate	ASTM D4716	> 1130 l/min per m @ i = 0.01

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.

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