



ProDrain® 50mm DRAINAGE CELL / HEAVY DUTY

DESCRIPTION

ProDrain® 50mm drainage cell is used in many horizontal drainage applications. The product 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.

APPLICATION

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

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 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

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

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