

# RAINSMART

## 30mm DRAINAGE CELL

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### DESCRIPTION

RainSmart 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. RainSmart has been designed to provide optimal flow conditions with unique panel geometry. RainSmart comes in a large panel size (500mm x 600mm) with integral clips for fast and easy installation.

### APPLICATION

- Podium/plaza drainage
- Rooftop garden drainage
- Plinter 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.

PROPERTY	TEST METHOD	30mm HD TYPICAL VALUE	30mm LD TYPICAL VALUE
Panel Width	-	500mm	
Panel Length	-	600mm	
Panel Height	-	30mm	
Surface Void Area	-	68% void	
Internal Void Area	-	95%	
Material	-	90% recycled polypropylene +10% proprietary mix	
Colour	-	Black	
Biological & Chemical Resistance		Unaffected by moulds and algae, soil-borne chemicals, bacteria, bitumen, oils & light acid or alkaline solutions	
Service Temperature	-	-10°C to 85°C	
Compressive Strength/ Ultimate Load	ASTM D 1621	>125 t/m <sup>2</sup>	>105 t/m <sup>2</sup>

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