

# ECO-RAIN 2" (50MM) DRAINAGE CELL SPECIFICATION SHEET

## Turf & Gravel Pavers



### ET-1401

	Standard Used	Metric	Imperial
<b>Width</b>		300mm	1'
<b>Length</b>		500mm	1.64'
<b>Height</b>		50mm	2"
<b>Area</b>		0.150 m <sup>2</sup>	1.64 ft <sup>2</sup>
<b>Void Storage Area</b>		85% .27 cubic feet	85%
<b>Material</b>		100% Recycled Polypropylene	
<b>Biological &amp; Chemical Resistance</b>		Material is unaffected by moulds, algae, soil-borne chemicals, bacteria and bitumen.	
<b>Service Temperature</b>		-30°C to 120°C	-22°F to 248°F
<b>Compressive Strength/ Ultimate Load</b>	ASTM D1621	±283.90 t/m <sup>2</sup>	±405.3 psi
<b>Flow Rate per Unit Width</b>	ASTM D4716	>212 lt/min	>56.00 gal/min

**Compressive Strength Test Filled with Sand** - Products must have a maximum deformation of <25%.

Filled with Sand	Area (mm <sup>2</sup> )	Area (inches <sup>2</sup> )	Load (Kg)	Load (lbs)	Compressive Strength (t/m <sup>2</sup> )	Compressive Strength (psi)
	54,554.73	84.56	231,332.1	510,000	±5,201.01	±7,395

**NOTE: ALL ECO-RAIN TANK PRODUCTS & SYSTEMS ARE WORLDWIDE PATENT PENDING & DESIGN REGISTERED**

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