

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

Turf & Gravel Pavers



ET-1401

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