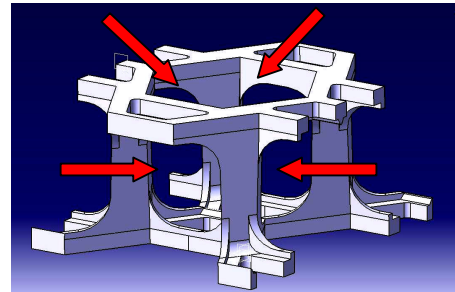
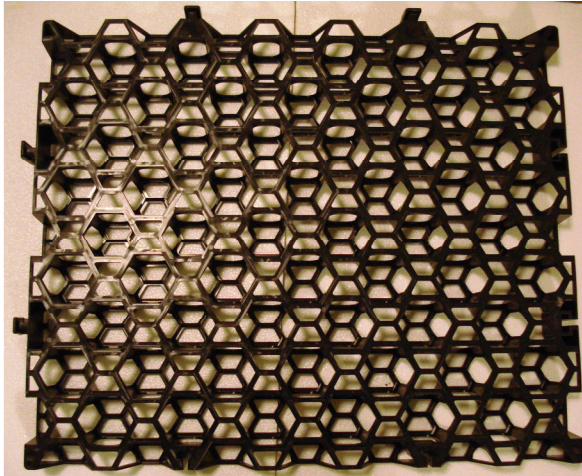




Rainsmart® 50mm (2.0") DRAINAGE CELL, Turf & Gravel Paver SPECIFICATION SHEET



	Standard Used	Metric	Imperial
Width		500mm	19.68 in
Length		600mm	23.62 in
Height		50mm	1.96 in
Surface Void Area		>90% void	
Internal Void Area		>95% void	
Material		100% recycled polypropylene	
Biological & Chemical Resistance		Unaffected by moulds and algae, soil-borne chemicals, bacteria and bitumen	
Service Temperature		-10°C to 85°C	-14°F to 185°F
Compressive Strength/ Ultimate Load	ASTM D1621	>205 t/m ²	>291.60 psi
Flow Rate per unit width unfilled	ASTM D4716	>23.5 lt/m.s @ 1% gradient	>6.20 gals/m/s @ 1% gradient

Compressive strength test – confined filled with sand

Filled with sand	Area (sqm)	Area (sq inches)	Load (Kg)	Load (Lbs)	Compressive strength (t/m ²)	Compressive Strength (PSI)
*110 mm diameter load.	0.03799 m ²	58.884 in ²	169650.61	374015.10	±4465.66	± 6351.662

NOTE: All RainSmart Products and Systems are Design Registered or Design Registration Pending.

Safety Factors: Engineers, designers and geotechnical engineers should design and calculate safety factors to a serviceable limited state to suit specific project. In case of doubt, consult your nearest distributor or representative.

Disclaimer: All information provided in this publication is correct to the best knowledge of the company and is given out in good faith. This information is intended only as a general guide, no responsibility can be accepted for any errors, omissions or incorrect assumption. As each project is unique, and as Rainsmart Solutions Pty Ltd. and its distributors and agents worldwide have no direct control over the methods employed by the user in specifying, installing or supervising of its products hence no responsibility is accepted by Rainsmart Solutions Pty Ltd. and its distributors and agents worldwide. Users should satisfy themselves as to the suitability of the product for their purpose

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