

Greencells are a cost effective cellular containment system manufactured from UV stabilised, coated slit film woven geotextile strips which alternatively stitched to form a continuous honey-comb square mat. This is then filled with a variety of natural materials or concrete and used to stabilise embankments, river profiles, sand dunes, base courses and drainage canals. *Greencells* are available in a range of heights to suit most applications.

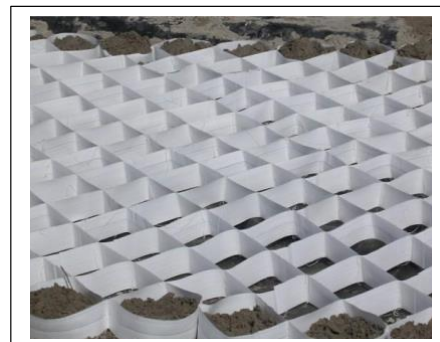
SPECIFICATIONS

Effective as at: 07.11.2017

Physical Properties:		Units	GC190	Test Method
Composition	Polymer	Coated Polypropylene		
Mass	Coated	g/m ²	190	SANS 10221-2007
Thickness	Under 2 kPa	mm	0.5	SANS 10221-2007
Tensile Strength Ultimate	Warp	kN/m	25	SANS 10221-2007
	Weft	kN/m	22	SANS 10221-2007
Elongation Ultimate	Warp	%	17	SANS 10221-2007
	Weft	%	18	SANS 10221-2007
Seam Strength	(Average)	kN/m	7.0	EN ISO 10319
Elongation	(Average)	%	18	EN ISO 10319
Cell Size *	Sides	mm	212 x 212	STANDARD
	Heights **	mm	75 / 100 / 150 / 250	STANDARD
Panel Size *	Width x Length	m	3 x 10	STANDARD

*** Notes:**

Custom Cell and Panel sizes can be manufactured on request.
Specially perforated cell walls to facilitate drainage are also available on request.



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