


## TECHNICAL DATA SHEET

Product Name   
 Reference No: DS COST 0835-10/2018  
 Date of Issue 18 October 2018  
 Description EnviroRock® 2PL is an extremely robust bi-component geotextile manufactured In RSA by Kaytech Atlantis, an ISO 9001:2008 accredited facility (Registration No: LS1176)



KAYAPP

2PL				
<b>Physical Properties</b>				
Mass	Nominal	g/m <sup>2</sup>	1850	SANS 9864 / ISO 9864
Thickness	Under 2kPa	mm	11	SANS 9863-1 / ISO 9863-1
<b>Mechanical Properties</b>				
Tensile Strength	Machine	kN/m	48	SANS 1525 / ISO 10319
	Elongation	%	> 60	
	Across	kN/m	70	
	Elongation	%	> 60	
Static Puncture	CBR	kN	15	SANS 12236 / ISO 12236
Drop Cone	Diameter of Hole	mm	0	SANS 13433 / ISO 13433
Abrasion Resistance	Strength Retained @ 80 000 cycles	%	> 75	BAW Method
UV Resistance	Strength Retained @ 1000 hrs	%	> 80	ASTM D4355
<b>Hydraulic properties</b>				
Throughflow	@100mm head	l/m <sup>2</sup> /s	26	SANS 11058 / ISO 11058
Pore Size		µm	< 75	SANS 12956 / ISO 12956

The above results are determined from the specified tests carried out by an accredited laboratory and represent laboratory averages.

### EnviroRock® 2PL Geocontainer

has enhanced filtration combined with resistance to puncture, abrasion and UV making it ideal for use in marine and inland waterway applications such as walls, groynes, reef structures, and coastal protection.

2.0m <sup>3</sup> Geocontainer	Lay flat Dimensions	**Filled Dimension (Nominal)
Length	2.3 m	2.0 m
Width	2.0 m	1.9 m
Depth		0.65 m
Filled Mass @ nmc		2800 kg



\*\* The filled dimensions attained are dependent on the expertise of the contractor.

Kaytech reserves the right to make technical modifications to its products

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